Website: thermofisher.com
Customer Service (US): 1 800 955 6288 ext. 1
Technical Support (US): 1 800 955 6288 ext. 441
thermofisher.com/contactus

Performance guaranteed

# SETD6 Polyclonal Antibody

**Catalog Number** **PA5-24774**

**Product data sheet**

| Details | |
|---|---|
| **Size** | 400 µL |
| **Host/Isotope** | Rabbit / IgG |
| **Class** | Polyclonal |
| **Type** | Antibody |
| **Immunogen** | KLH conjugated synthetic peptide between 310-338 amino acids from the C-terminal region of human SETD6 |
| **Conjugate** | Unconjugated |
| **Form** | Liquid |
| **Concentration** | Lot-specific |
| **Storage Conditions** | -20° C, Avoid Freeze/Thaw Cycles |

| Species Reactivity | |
|---|---|
| **Species reactivity** | Human |

| Tested Applications | Dilution * |
|---|---|
| **Immunohistochemistry (Paraffin) (IHC (P))** | 1:50-1:100 |
| **Western Blot (WB)** | 1:1,000 |

* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.

## Background/Target Information

SETD6 (SET domain-containing protein 6) is a 473 amino acid protein that belongs to the SETD6 family. Containing one SET domain, SETD6 is structurally similar to the Rubisco large subunit methyltransferase. SETD6 is a proteinlysine N-methyltransferase that specifically monomethylates "Lys-310" of the NFB p65 subunit of NFB complex, leading to down-regulate NFB transcription factor activity. SETD6-mediated methylation renders NFB p65 inert and attenuates NFB p65-driven transcriptional programs, including inflammatory responses in primary immune cells. The SETD6-initiated lysine-methylation signaling cascade acts to restrain activation of NFB-mediated inflammatory responses in diverse cell types.

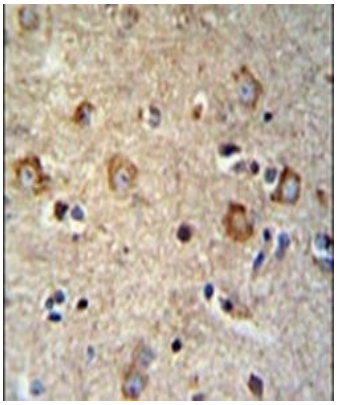
*For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization.*

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization.

Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample.

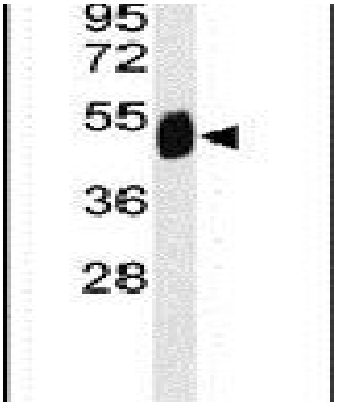
NO OTHER WARRANTIES, EXPRESS OR IMPLED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.

## Product Images For SETD6 Polyclonal Antibody



**SETD6 Antibody (PA5-24774) in IHC**

Immunohistochemistry analysis in formalin-fixed, paraffin-embedded brain tissue using a SETD6 polyclonal antibody (Product # PA5-24774), followed by HRP-conjugated secondary antibody and DAB staining.




**SETD6 Antibody (PA5-24774) in WB**

Western blot analysis using a SETD6 polyclonal antibody (Product # PA5-24774) in WiDr cell lysates (35 µg per lane).

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization.

Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample.

NO OTHER WARRANTIES, EXPRESS OR IMPLED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.

Thermo Fisher Scientific
3747 N. Meridian Road
Rockford, IL 61105 USA

thermofisher.com/contactus