

Phospho-SRC (Tyr419) Polyclonal Antibody

Product Details

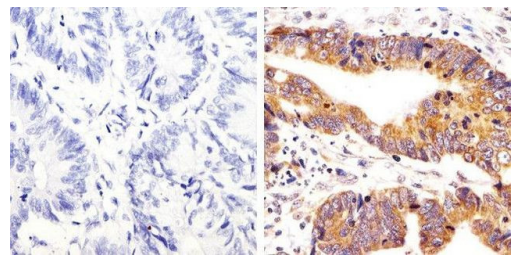
Size	100 µL
Species Reactivity	Chicken, Human, Mouse
Published Species	Dog, Tag, Pig, Rat, Fruit fly, Bovine, Zebrafish, Human, Mouse, Xenopus
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	The antiserum was produced against a chemically synthesized phosphopeptide derived from the region of human Src that contains tyrosine 419. The sequence is conserved in mouse, rat, chicken and frog.
Form	Liquid
Purification	Affinity chromatography
Storage buffer	Dulbecco's PBS, pH 7.3, with 1mg/mL BSA
Contains	0.05% sodium azide
Storage conditions	-20°C
RRID	AB_2533714

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	51 Publications
Immunohistochemistry (IHC)	-	12 Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:10-1:100	-
Immunohistochemistry (Frozen) (IHC (F))	-	1 Publication
Immunocytochemistry (ICC/IF)	-	11 Publications
ELISA (ELISA)	-	1 Publication
Immunoprecipitation (IP)	-	10 Publications
Miscellaneous PubMed (Misc)	-	9 Publications

Product Images For Phospho-SRC (Tyr419) Polyclonal Antibody

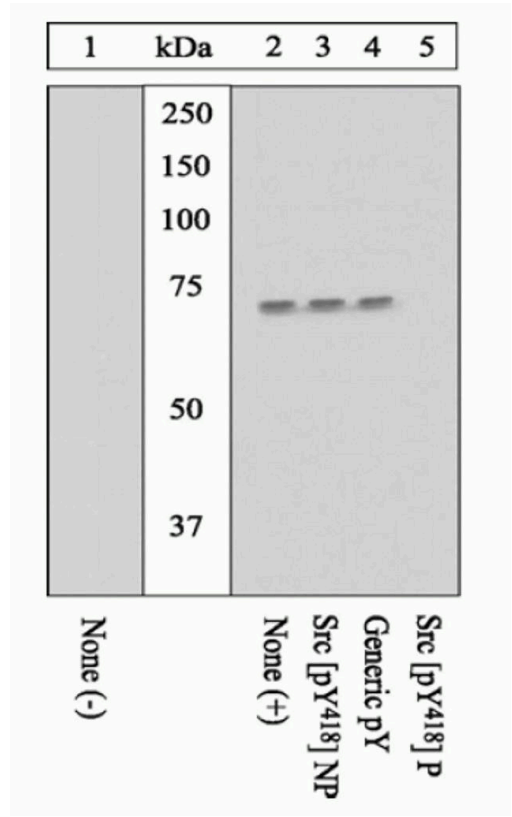
Phospho-SRC (Tyr419) Antibody (44-660G) in IHC (P)

Immunohistochemistry analysis of SRC showing staining in the cytoplasm and membrane of paraffin-embedded human colon carcinoma (right) compared to a negative control without primary antibody (left). To expose target proteins, antigen retrieval was performed using 10mM sodium citrate (pH 6.0), microwaved for 8-15 min. Following antigen retrieval, tissues were blocked in 3% H2O2-methanol for 15 min at room temperature, washed with ddH2O and PBS, and then probed with a SRC (Product # 44-660G) diluted in 3% BSA-PBS at a dilution of 1:20 overnight at 4°C in a humidified chamber. Tissues were washed extensively in PBST and detection was performed using an HRP-conjugated secondary antibody followed by colorimetric detection using a DAB kit. Tissues were counterstained with hematoxylin and dehydrated with ethanol and xylene to prep for mounting.



Phospho-SRC (Tyr419) Antibody (44-660G) in WB

Western Blot analysis of Src (pY419) Rabbit polyclonal Antibody - Purified



Western Blot (51)

<p>The Journal of biological chemistry</p> <p>Phagocytosis mediated by the human granulocyte receptor CEACAM3 is limited by the receptor-type protein tyrosine phosphatase PTPRJ.</p> <p>"44-660G was used in Western Blotting to identify the receptor-type protein tyrosine phosphatase PTPRJ as a negative regulator of Carcinoembryonic antigen-related cell adhesion molecule 3-mediated phagocytosis."</p> <p>Authors: Goob G,Adrian J,Cossu C,Hauck CR</p>	<p>Year 2022</p> <p>Species Human</p> <p>Dilution 1:500</p>
<p>American journal of cancer research</p> <p>Peruvoside is a novel Src inhibitor that suppresses NSCLC cell growth and motility by downregulating multiple Src-EGFR-related pathways.</p> <p>"44-660G was used in Western Blotting to suggest that peruvoside suppresses non-small-cell lung carcinoma (NSCLC) malignancy by downregulating multiple Src-related pathways and could serve as a potential base molecule for developing new anticancer drugs and therapeutic strategies for lung cancer."</p> <p>Authors: Lai Y,Chang H,Chen H,Chang G,Chen JJ</p>	<p>Year 2022</p> <p>Species Human</p>

View more WB references on thermofisher.com

Immunohistochemistry (12)

<p>Cancers</p> <p>Identification of a Dexamethasone Mediated Radioprotection Mechanism Reveals New Therapeutic Vulnerabilities in Glioblastoma.</p> <p>"44-660G was used in Immunohistochemistry to reveal a novel DEXA-induced mechanism in GBM cells and provide a rationale for revisiting the use of tyrosine kinase inhibitors for the treatment of GBM."</p> <p>Authors: Aldaz P,Auzmendi-Iriarte J,Durántez M,Lasheras-Otero I,Carrasco-Garcia E,Zelaya MV,Bragado L,Olías-Arjona A,Egaña L,Samprón N,Morilla I,Redondo-Muñoz M,Rico M,Squatrìto M,Maria-Alonso M,Fernández-Irigoyen J,Santamaria E,Larráyoz IM,Wellbrock C,Matheu A,Arozarena I</p>	<p>Year 2021</p> <p>Species Human</p> <p>Dilution 1:500</p>
<p>Nature communications</p> <p>Sequential Ras/MAPK and PI3K/AKT/mTOR pathways recruitment drives basal extrusion in the prostate-like gland of Drosophila.</p> <p>"44-660G was used in Immunohistochemistry to demonstrate that both Ras/MAPK and PI3K/AKT/mTOR pathways are necessary for basal extrusion."</p> <p>Authors: Rambur A,Lours-Calet C,Beaudoin C,Buñay J,Vialat M,Mirouse V,Trousseau A,Renaud Y,Lobaccaro JA,Baron S,Morel L,de Joussineau C</p>	<p>Year 2020</p> <p>Species Fruit fly</p> <p>Dilution 1:500</p>

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- IHC (F) (1)
- ICC/IF (11)
- ELISA (1)
- IP (10)
- Misc (9)

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