

STAT6 Polyclonal Antibody

Product Details	
Size	1 mL
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide derived from C-terminus of human STAT6.
Form	Liquid
Concentration	0.28 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.6, with 1% BSA
Contains	0.1% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2271213

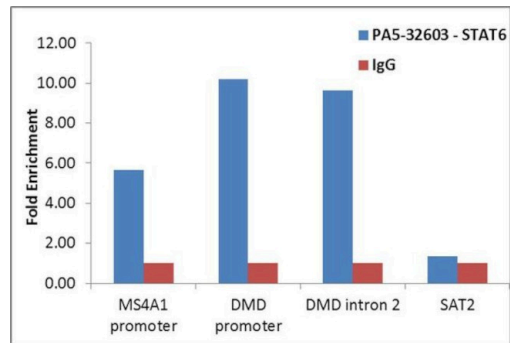
Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-dependent	-
Immunohistochemistry (Paraffin) (IHC (P))	1:75	-
ChIP assay (ChIP)	Assay-dependent	-

Product Specific Information

This antibody is predicted to react with canine, mouse, porcine, rabbit based on sequence homology.

Heat-mediated antigen retrieval is recommended prior to staining, using a 10mM citrate buffer, pH 6.0, for 10 minutes followed by cooling at room temperature for 20 min. Following antigen retrieval, incubate samples with primary antibody for 10 min at room temperature. A suggested positive control is placenta or tonsil tissue.

Product Images For STAT6 Polyclonal Antibody

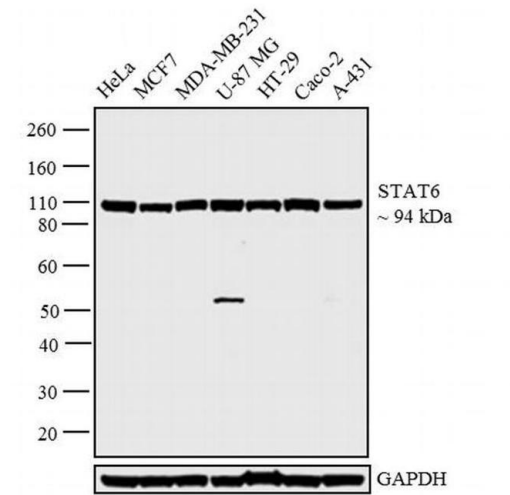


STAT6 Antibody (PA1-38675)

Antibody specificity was demonstrated by detection of enrichment of the target protein at specific gene loci. Chromatin Immunoprecipitation (ChIP) was performed using Anti-STAT6 Polyclonal Antibody (Product # PA5-32603) using PCR primer pairs over MS4A1 and DMD promoters, DMD intron 2 (active) and SAT2 satellite repeats (inactive). {RE}

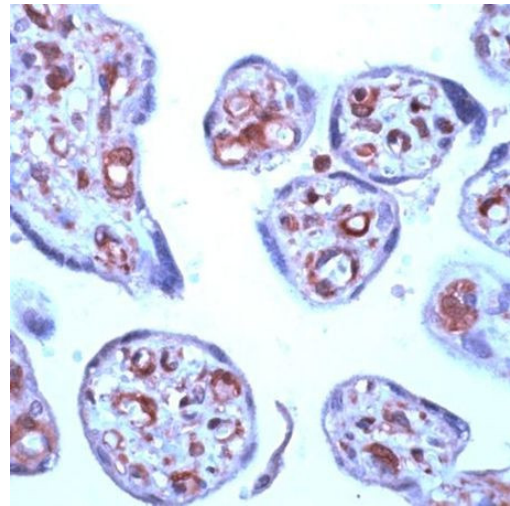
STAT6 Antibody (PA1-38675) in WB

Western blot analysis was performed on whole cell extracts (30 µg lysate) of HeLa (Lane 1), MCF7 (Lane 2), MDA-MB-231 (Lane 3), U-87 MG (Lane 4), HT-29 (Lane 5), Caco-2 (Lane 6) and A-431 (Lane 7). The blot was probed with Anti-STAT6 Polyclonal Antibody (Product # PA5-32603, 1:500 dilution) and detected by chemiluminescence using Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Secondary Antibody, HRP conjugate (Product # A27036, 0.25 µg/mL, 1:4000 dilution). A 94 kDa band corresponding to STAT6 was observed across the cell lines tested.



STAT6 Antibody (PA1-38675) in IHC (P)

Immunohistochemical (paraffin) analysis of STAT6 using anti-STAT6 Polyclonal Antibody (Product # PA5-32603) in Placenta Tissue. The recommended dilution for this antibody in immunohistochemistry applications is 1:150.



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