

STAT6 Polyclonal Antibody

Product Details

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

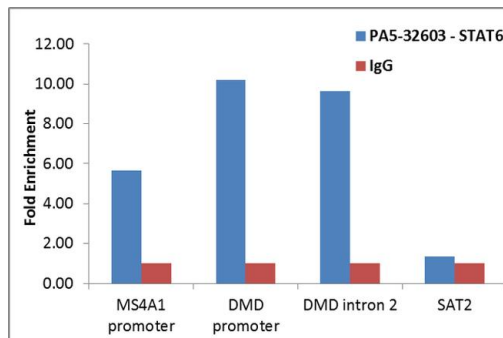
| Applications | Tested | Dilution | Published |
|---|--------|----------|-----------|
| Immunohistochemistry (Paraffin) (IHC (P)) | ✓ | 1:75 | |

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.

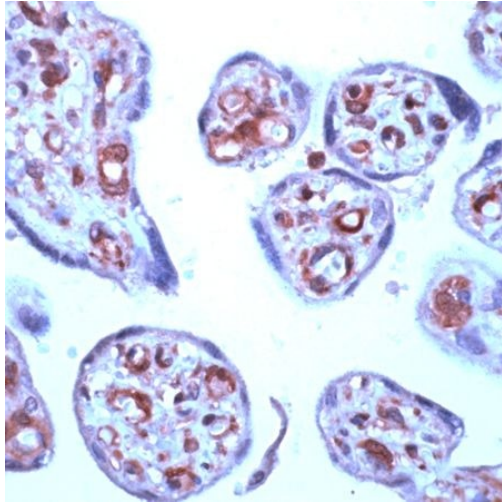
Advanced Verification Data



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). Relative expression validation info.

Product Images For STAT6 Polyclonal Antibody

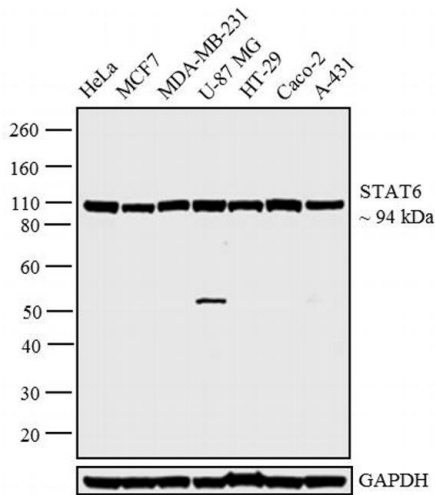


STAT6 Antibody (PA1-38675) in IHC

Immunohistochemical 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.

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 (H+L) 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.



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