

**Anti-STAT6 Antibody**  
**Rabbit polyclonal antibody to STAT6**  
**Catalog # AP59710****Specification**

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**Anti-STAT6 Antibody - Product Information**

Application	WB, IHC
Primary Accession	<a href="#">P42226</a>
Other Accession	<a href="#">P52633</a>
Reactivity	Human, Mouse, Rabbit, Monkey, Pig, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	94135

**Anti-STAT6 Antibody - Additional Information****Gene ID** 6778**Other Names**

Signal transducer and activator of transcription 6; IL-4 Stat

**Target/Specificity**

Recognizes endogenous levels of STAT6 protein.

**Dilution**

WB~~WB (1/500 - 1/1000), IH (1/100 - 1/200)

IHC~~1:100~500

**Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

**Storage**

Store at -20 °C.Stable for 12 months from date of receipt

**Anti-STAT6 Antibody - Protein Information****Name** STAT6**Function**

Carries out a dual function: signal transduction and activation of transcription. Involved in IL4/interleukin-4- and IL3/interleukin-3-mediated signaling.

**Cellular Location**

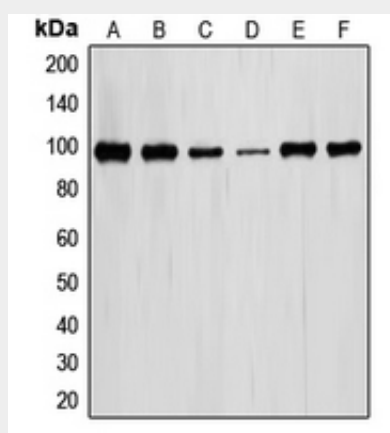
Cytoplasm. Nucleus. Note=Translocated into the nucleus in response to phosphorylation

## Anti-STAT6 Antibody - Protocols

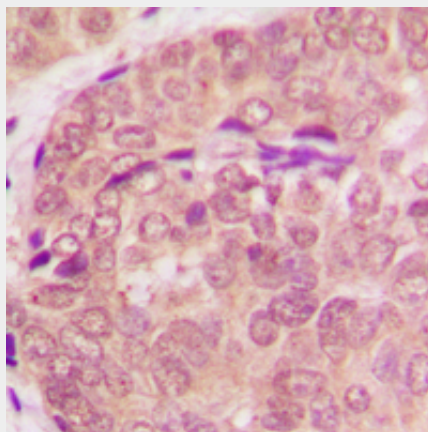
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Anti-STAT6 Antibody - Images



Western blot analysis of STAT6 expression in MCF7 (A), HeLa (B), HT29 (C), RAW246.7 (D), PC12 (E), COS7 (F) whole cell lysates.



Immunohistochemical analysis of STAT6 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

## Anti-STAT6 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human STAT6. The exact sequence is proprietary.