

Anti-STAT5b Rabbit Monoclonal Antibody

Catalog # ABO13847

Product Information

Application	WB, IHC, IF, ICC, IP
Primary Accession	P51692
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-STAT5b Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, IP applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	6777
Other Names	Signal transducer and activator of transcription 5B, STAT5B
Calculated MW	89866
Application Details	WB 1:1000-1:2000 IHC 1:1000-1:2000 ICC/IF 1:1000-1:2000 IP 1:40
Subcellular Localization	Cytoplasm. Nucleus. Translocated into the nucleus in response to phosphorylation..
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: HDF-19
Immunogen	A synthesized peptide derived from human STAT5b
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	STAT5B (HGNC:11367)
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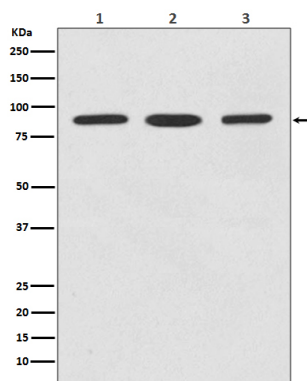
Function

Signal transducer and transcription activator that mediates cellular responses to cytokines, hormones and growth factors (PubMed:[29844444](#), PubMed:[9188471](#)). Binds to the GAS element and activates PRL-induced transcription. Positively regulates hematopoietic/erythroid differentiation. Involved in the oncostatin-M- mediated signaling pathway through type II OSM receptor complex (heterodimers composed of OSMR and IL6ST) (PubMed:[9188471](#)).

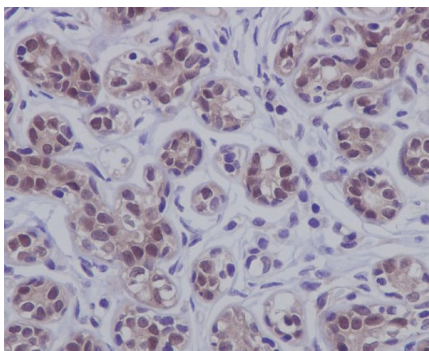
Cellular Location

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

Images



Western blot analysis of STAT5b expression in (1) HeLa cell lysate; (2) 3T3 cell lysate; (3) C6 cell lysate.



Immunohistochemical analysis of paraffin-embedded human breast, using STAT5b Antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.