

STAT5 Rabbit mAb

Catalog # AP76123

Product Information

Application	WB, IHC-P, FC, IP
Primary Accession	P42230
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	90831

Additional Information

Gene ID	20850
Other Names	Stat5A
Dilution	WB~~1:500-1:1000 IHC-P~~N/A FC~~1:50-1:100 IP~~1:50-1:100
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

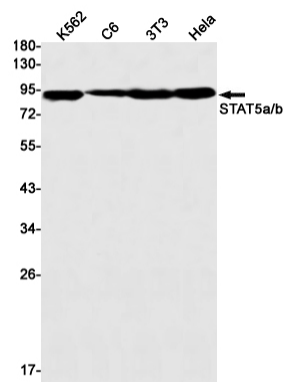
Protein Information

Name	Stat5a
Synonyms	Mgf, Mpf
Function	Carries out a dual function: signal transduction and activation of transcription. Mediates cellular responses to the cytokine KITLG/SCF and other growth factors. May mediate cellular responses to activated FGFR1, FGFR2, FGFR3 and FGFR4. Binds to the GAS element and activates PRL-induced transcription. Regulates the expression of milk proteins during lactation.
Cellular Location	Cytoplasm. Nucleus. Note=Translocated into the nucleus in response to phosphorylation
Tissue Location	In the virgin, found in most tissues except brain and muscle. During lactation, abundantly found in mammary tissue, as well as in other secretory organs such as salivary gland and seminal vesicle

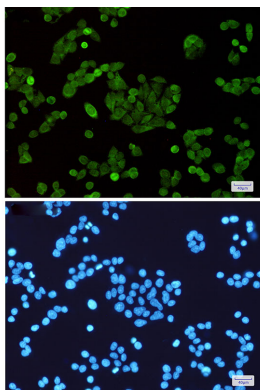
Background

Component of a multi-subunit complex involved in microtubule based vesicle motility.

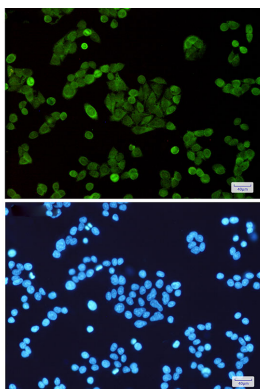
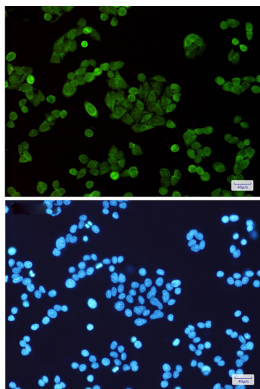
Images

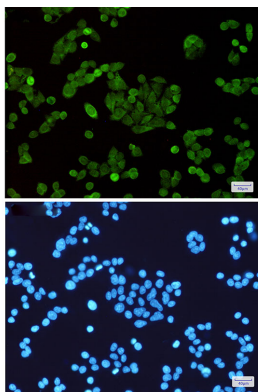


Western blot analysis of STAT5a/b in K562, C6, 3T3, HeLa lysates using STAT5 antibody.



Immunocytochemistry analysis of STAT5A/B(green) in HeLa using STAT5A/B antibody, and DAPI(blue)





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