

STAT5A blocking peptide

Phospho-STAT5 (Tyr694) Blocking Peptide

CATALOG #
AAA329989

APPLICATIONS
Blocking

PRODUCT SYNONYMS

STAT5A; Phospho-STAT5 (Tyr694) Blocking Peptide; Mammary gland factor; MGF; Signal transducer and activator of transcription 5A; STA5A_HUMAN; STAT 5; STAT 5A; STAT5; Signal transducer and activator of transcription 5B; STA5B_HUMAN; Stat5b; Transcription factor STAT5B; STAT5A blocking peptide

PRODUCT SPECIFICATIONS

Purity/Purification	The purity is >90%,tested by HPLC and MS.
Form/Format	Synthetic peptide was lyophilized with 100% acetonitrile and is supplied as a powder. Reconstitute with 0.1 ml DI water for a final concentration of 10 mg/ml.
Applicable Applications for STAT5A blocking peptide	Blocking
Notes	For phospho antibody, we provide phospho peptide (0.5mg) and non-phospho peptide (0.5mg)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.

ADDITIONAL INFORMATION

Related Product Information for STAT5A blocking peptide	Blocking peptides are peptides that bind specifically to the target antibody and block antibody binding. These peptide usually contains the epitope recognized by the antibody. Antibodies bound to the blocking peptide no longer bind to the epitope on the target protein. This mechanism is useful when non-specific binding is an issue, for example, in Western blotting (immunoblot) and immunohistochemistry (IHC). By comparing the staining from the blocked antibody versus the antibody alone, one can see which staining is specific; Specific binding will be absent from the western blot or immunostaining performed with the neutralized antibody.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	570359553
NCBI GeneID	6776
NCBI Accession #	NP_001275647.1
NCBI GenBank Nucleotide #	NM_001288718.1
UniProt Accession #	P42229 ; Q1KLZ6
NCBI Official Full Name	signal transducer and activator of transcription 5A isoform 1
NCBI Official Synonym Full Names	signal transducer and activator of transcription 5A
NCBI Official Symbol	STAT5A
NCBI Official Synonym Symbols	MGF; STAT5
NCBI Protein Information	signal transducer and activator of transcription 5A
UniProt Protein Name	Signal transducer and activator of transcription 5A
UniProt Gene Name	STAT5A

UniProt Synonym Gene Names	STAT5
UniProt Entry Name	STA5A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/blocking-peptide/stat5a/329989>