

Mouse ST13 Antibody | anti-ST13 antibody

ST13 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108418	Mouse	Human, Monkey	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

ST13; ST13 Antibody; HIP; HOP; P48; AAG2; SNC6; HSPABP; FAM10A1; FAM10A4; HSPABP1; anti-ST13 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Monkey
Isotype	IgG1
Clone Number	3B10
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	369
Applicable Applications for anti-ST13 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human ST13 expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C

IMAGES



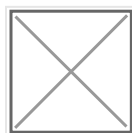
IHC (Immunohistochemistry)

Figure 3. Immunohistochemical analysis of paraffin-embedded human Thyroid tissues using ST13 mouse mAb



IHC (Immunohistochemistry)

Figure 2. Immunohistochemical analysis of paraffin-embedded human lung cancer (A), colon cancer (B) using ST13 mouse mAb with DAB staining.



WB (Western Blot)

Figure 1. Western blot analysis using ST13 mouse mAb against A431 (1), HEK293 (2), Hela (3), HepG2 (4), Jurkat (5), K562 (6), L1210 (7) and MCF-7 (8) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-ST13 antibody

ST13 (suppression of tumorigenicity protein 13), also known as Hip (HSP70-interacting protein), is one of several co-chaperones that regulate activities of the HSP70 chaperone family. The homo-oligomeric protein Hip cooperates with HSP70 in protein folding by stabilizing the ADP-bound state of HSP70. Hip directly binds to the ATPase domain of HSP70 when it is converted to the ADP-bound state by proteins of the HSP40 family. By collaborating with other positive co-factors such as HSP40 and Hop, or competing with negative co-factors such as Bag1, Hip may facilitate the chaperone function of HSP70 in protein folding and repair, and in controlling the activity of regulatory proteins such as steroid receptors and various regulators of proliferation or apoptosis.

Product Categories/Family for anti-ST13 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
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NCBI AND UNIPROT INFORMATION

NCBI GI #	19923193
NCBI GeneID	6767
NCBI Accession #	NP_003923.2
NCBI GenBank Nucleotide #	NM_003932.4
UniProt Accession #	P50502; O14999; Q2TU77
Molecular Weight	48kDa
NCBI Official Full Name	hsc70-interacting protein isoform 1
NCBI Official Synonym Full Names	ST13, Hsp70 interacting protein
NCBI Official Symbol	ST13
NCBI Official Synonym Symbols	HIP; HOP; P48; AAG2; SNC6; HSPABP; FAM10A1; FAM10A4; HSPABP1; PRO0786
NCBI Protein Information	hsc70-interacting protein
UniProt Protein Name	Hsc70-interacting protein
UniProt Gene Name	ST13
UniProt Synonym Gene Names	AAG2; FAM10A1; HIP; SNC6; Hip

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/mouse-human-monkey-antibody/st13/108418>