

Rabbit anti-Human ST13 Polyclonal Antibody | anti-ST13 antibody

Anti-ST13 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA256070	Rabbit	Human	Immunoprecipitation, Immunohistochemistry, Western Blot

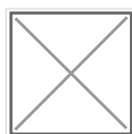
PRODUCT SYNONYMS

ST13; Polyclonal Antibody; Anti-ST13 Antibody; Rabbit Polyclonal; ST13 Antibody; Rabbit PAb; Antigen Affinity Purified; suppression of tumorigenicity 13 (colon carcinoma) (Hsp70 interacting protein); Anti-AAG2 Antibody; Anti-FAM10A1 Antibody; Anti-FAM10A4 Antibody; Anti-HIP Antibody; Anti-HOP Antibody; Anti-HSPABP Antibody; Anti-HSPABP1 Antibody; Anti-P48 Antibody; Anti-PRO0786 Antibody; Anti-SNC6 Antibody; anti-ST13 antibody

PRODUCT SPECIFICATIONS

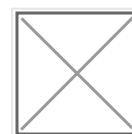
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human ST13
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-ST13 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived Human ST13 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human ST13 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IP (Immunoprecipitation)

ST13 was immunoprecipitated using: Lane A: 0.5 mg 293T Whole Cell Lysate 4 uL anti-ST13 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-ST13 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Clean-Blot IP Detection Reagent (HRP) at 1:1000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 41 kDa. Observed band size: 54 kDa.



IHC (Immunohistochemistry)

Immunohistochemical staining of human ST13 in human prostate with rabbit polyclonal antibody at 1:300 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human ST13 in human kidney with rabbit polyclonal antibody at 1:300 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)

Anti-ST13 rabbit polyclonal antibody at 1:500 dilution Lane A: 293T Whole Cell Lysate Lane B: SW480 Whole Cell Lysate Lane C: RT4 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 41 kDa Observed band size: 50 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-ST13 antibody

ST13 is the gene encoding Hsp70 interacting protein (Hip), a co-factor (co-chaperone) of the 70-kDa heat shock proteins (Hsc/Hsp70). To date, all data from the discovery of ST13 in 1993 until more recent studies in 2007 have proved that ST13 is downregulated in tumors and it was proposed to be a tumor suppressor gene. ST13, a co-factor of heat shock protein, has shown potential antitumor efficacy for colorectal cancer. Previous research has shown that ST13 mRNA and protein levels are down-regulated in colorectal cancer (CRC) tissues compared with adjacent normal tissues. ST13 gene is a proliferation regulator that inhibits tumor growth in CRC and may affect cell migration.

References

Yang M, et al. (2008) Potent antitumor efficacy of st13 for colorectal cancer mediated by oncolytic adenovirus via mitochondrial apoptotic cell death. Hum Gene Ther 19 (4): 343-353. Shi ZZ, et al. (2007) What we know about st13, a co-factor of heat shock protein, or a tumor suppressor? J Zhejiang Univ Sci B 8 (3): 170-176. Bai R, et al. (2012) St13, a proliferation regulator, inhibits growth and migration of colorectal cancer cell lines. J Zhejiang Univ Sci B 13 (11): 884-893.

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/polyclonal/st13-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/256070>