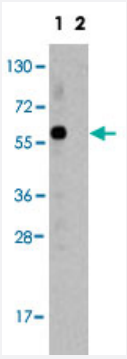
ST13 polyclonal antibody

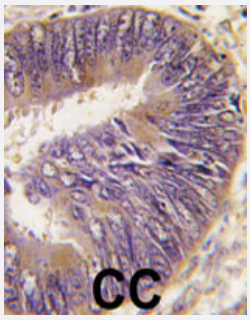
Catalog # PAB4827 Size 400 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of ST13 polyclonal antibody (Cat # PAB4827) pre-incubated with (Lane 2) and without (Lane 1) blocking peptide in A2058 cell lysate. ST13 (arrow) was detected using the purified polyclonal antibody (1 : 240 dilution) .



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human colon carcinoma tissue reacted with ST13 polyclonal antibody (Cat # PAB4827) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry ; clinical relevance has not been evaluated.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of ST13.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human ST13.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Purification	Protein G purification

Recommend Usage	ELISA (1:1000) Western Blot (1:100-500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — ST13

Entrez GeneID	6767
Protein Accession#	NP_003923
Gene Name	ST13
Gene Alias	AAG2, FAM10A1, FAM10A4, FLJ27260, HIP, HOP, HSPABP, HSPABP1, MGC129952, P48, P RO0786, SNC6
Gene Description	suppression of tumorigenicity 13 (colon carcinoma) (Hsp70 interacting protein)
Omim ID	606796
Gene Ontology	Hyperlink

Gene Summary	The protein encoded by this gene is an adaptor protein that mediates the association of the heat shock proteins HSP70 and HSP90. This protein has been shown to be involved in the assembly process of glucocorticoid receptor, which requires the assistance of multiple molecular chaperones. The expression of this gene is reported to be downregulated in colorectal carcinoma tissue suggesting that is a candidate tumor suppressor gene. [provided by RefSeq
Other Designations	Hsp70-interacting protein|OTTHUMP00000028873|aging-associated protein 2|heat shock 70kD protein binding protein|progesterone receptor-associated p48 protein|putative tumor suppressor ST13

Publication Reference

- The molecular chaperones Hsp90 and Hsc70 are both necessary and sufficient to activate hormone binding by glucocorticoid receptor.

  Rajapandi T, Greene LE, Eisenberg E.

  The Journal of Biological Chemistry 2000 Jul; 275(29):22597.

  Application: WB-Ti, Bovine, Bovine brains

- The Hsp organizer protein hop enhances the rate of but is not essential for glucocorticoid receptor folding by the multiprotein Hsp90-based chaperone system.

  Morishima Y, Kanelakis KC, Silverstein AM, Dittmar KD, Estrada L, Pratt WB.

  The Journal of Biological Chemistry 2000 Mar; 275(10):6894.

  Application: IP, WB-Ce, WB-Re, Insect, Rat, Rabbit reticulocytes, Recombinant protein, Sf9 cells

- Hop as an adaptor in the heat shock protein 70 (Hsp70) and hsp90 chaperone machinery.

  Chen S, Smith DF.

  The Journal of Biological Chemistry 1998 Dec; 273(52):35194.