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# anti-HSC70 Interacting Protein HIP antibody (AA 181-280)



Go to Product page

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Quantity:	100 μL
Target:	HSC70 Interacting Protein HIP (ST13)
Binding Specificity:	AA 181-280
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSC70 Interacting Protein HIP antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HSPABP	
Isotype:	IgG	
Predicted Reactivity:	Human	
Purification:	Purified by Protein A.	

## **Target Details**

Target:	HSC70 Interacting Protein HIP (ST13)
Alternative Name:	ST13 (ST13 Products)

#### **Target Details**

Background:

Synonyms: AAG 2, AAG2, Aging associated protein 2, F10A1\_HUMAN, FAM10A1, FAM10A4, FLJ27260, Heat shock 70kD protein binding protein, HIP, HOP, Hsc70 interacting protein, Hsc70-interacting protein, Hsp70 interacting protein, HSPABP 1, HSPABP, HSPABP1, MGC129952, OTTHUMP00000028873, P48 antibody PR00786, Progesterone receptor associated p48 protein, Progesterone receptor-associated p48 protein, Protein FAM10A1, Putative tumor suppressor ST13, Renal carcinoma antigen NY REN 33, Renal carcinoma antigen NY-REN-33, SNC 6, SNC6, ST 13, ST13, Suppression of tumorigenicity 13 colon carcinoma, Suppression of tumorigenicity 13 protein, Suppression of tumorigenicity protein 13.

Background: Hip (HSP70-interacting protein), also known as ST13 (suppression of tumorigenicity protein 13), is one of several co-chaperones that regulate activities of the HSP70 chaperone family (1,2). 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 (3). 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 (4-8).

Gene ID:

6767

UniProt:

P50502

#### **Application Details**

Application Notes:

WB 1:300-5000

ELISA 1:500-1000

IHC-P 1:200-400

IHC-F 1:100-500

IF(IHC-P) 1:50-200

IF(IHC-F) 1:50-200

IF(ICC) 1:50-200

ICC 1:100-500

Restrictions:

For Research Use only

#### Handling

Format:

Liquid

## Handling

Concentration:	1 μg/μL	
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.	
Expiry Date:	12 months	