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Datasheet for ABIN5004959

anti-HSC70 Interacting Protein HIP antibody (AA 181-280) (Alexa Fluor 750)

Overview

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 conjugated to Alexa Fluor 750
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

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)
Background:	Synonyms: AAG 2, AAG2, Aging associated protein 2, F10A1_HUMAN, FAM10A1, FAM10A4,

Target Details

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 PRO0786, 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, 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: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Handling

Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months