



## Rabbit Anti-HSPABP/HIP/HSC70 Interacting Protein HIP antibody

SL11271R

<b>Product Name:</b>	HSPABP/HIP/HSC70 Interacting Protein HIP
<b>Chinese Name:</b>	热休克蛋白70相互作用蛋白抗体
<b>Alias:</b>	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 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.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	41kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human HSPABP:181-280/369
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year

	when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	<p>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).</p> <p><b>Function:</b> One HIP oligomer binds the ATPase domains of at least two HSC70 molecules dependent on activation of the HSC70 ATPase by HSP40. Stabilizes the ADP state of HSC70 that has a high affinity for substrate protein. Through its own chaperone activity, it may contribute to the interaction of HSC70 with various target proteins.</p> <p><b>Subunit:</b> Homotetramer. Interacts with HSC70 as well as DNAJ homologs and HSP90 (By similarity). Interacts (via the C-terminus 303- 319 AA) with GRK5.</p> <p><b>Subcellular Location:</b> Cytoplasm.</p> <p><b>Similarity:</b> Belongs to the FAM10 family. Contains 1 STI1 domain. Contains 3 TPR repeats.</p> <p><b>SWISS:</b> P50502</p> <p><b>Gene ID:</b> 6767</p> <p><b>Database links:</b> <a href="#">Entrez Gene: 281506</a> Cow <a href="#">Entrez Gene: 6767</a> Human <a href="#">Entrez Gene: 70356</a> Mouse</p>

[Entrez Gene: 81800](#) Rat

[Omim: 606796](#) Human

[SwissProt: P50502](#) Human

[SwissProt: Q99L47](#) Mouse

[SwissProt: P50503](#) Rat

[Unigene: 712713](#) Human

[Unigene: 180337](#) Mouse

[Unigene: 119613](#) Rat

[Unigene: 8796](#) Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.