



## Rabbit Anti-HS1BP3 antibody

SL11568R

<b>Product Name:</b>	HS1BP3
<b>Chinese Name:</b>	造血Stem cells特异性相关Binding protein3抗体
<b>Alias:</b>	ETM2; FLJ14249; H1BP3_HUMAN; HCLS1 binding protein 3; HCLS1-binding protein 3; HS1 binding protein 3; HS1 BP3; HS1-BP3; HS1-binding protein 3; Hs1bp3; HSP1BP-3.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep,
<b>Applications:</b>	ELISA=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>	43kDa
<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 HS1BP3:51-130/392
<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>	HS1BP3 is a 392 amino acid protein that contains one PX (phox homology) domain, a leucine zipper, immunoreceptor tyrosine-based inhibitory motif-like motifs and multiple proline-rich regions. Expressed primarily in brain, HS1BP3 is encoded by a gene mapping to human chromosome 2p24.1. The gene encoding HS1BP3 is frequently mutated in familial essential tremor, a disorder characterized by kinetic tremor the the

hands, voice or head, though there is no correlation to Parkinson disease. HS1BP3 interacts with HAX-1's SH3 domain, and may also play a role in the regulation of catecholamine and serotonin metabolism. Acting as a regulator of IL-2 signaling, HS1BP3 is likely involved in lymphocyte activation.

**Function:**

May be a modulator of IL-2 signaling.

**Subunit:**

Binds HCLS1. Interacts with the SH3 domain of HCLS1 in vitro

**Similarity:**

Contains 1 PX (phox homology) domain.

**SWISS:**

Q53T59

**Gene ID:**

64342

**Database links:**

[Entrez Gene: 64342](#)Human

[Entrez Gene: 100338217](#)Rabbit

[Omim: 609359](#)Human

[SwissProt: Q53T59](#)Human

[Unigene: 531785](#)Human

**Important Note:**

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