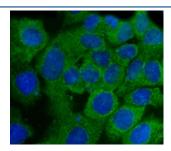


# SSH3BP1 Antibody / ABI1 (R32280)

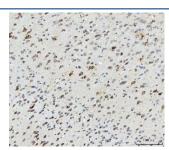
Catalog No.	Formulation	Size
R32280	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

## **Bulk quote request**

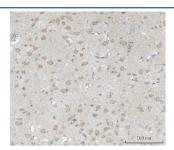
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q8IZP0
Localization	Cytoplasmic, nuclear
Applications	Western Blot : 0.1-0.5ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml Flow Cytometry : 1-3ug/10^6 cells Immunofluorescence : 5ug/ml
Limitations	This SSH3BP1 antibody is available for research use only.



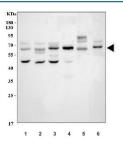
Immunofluorescent staining of FFPE human A431 cells with SSH3BP1 antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



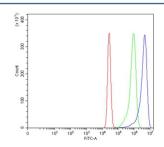
IHC testing of FFPE mouse brain with SSH3BP1 antibody. HIER: Boil the paraffin sections in pH8 EDTA buffer for 20 minutes and allow to cool prior to staining.



IHC testing of FFPE rat brain with SSH3BP1 antibody. HIER: Boil the paraffin sections in pH8 EDTA buffer for 20 minutes and allow to cool prior to staining.



Western blot testing of 1) human 293T, 2) human MCF7, 3) human U-87 MG, 4) rat brain, 5) rat C6 and 6) mouse brain lysate with SSH3BP1 antibody. Predicted molecular weight ~55 kDa, commonly observed at 55-65 kDa.



Flow cytometry testing of human K562 cells with SSH3BP1 antibody at 1ug/10<sup>6</sup> cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= SSH3BP1 antibody.

#### **Description**

SSH3BP1 is also known as ABI1. ABI1 is a human homolog of mouse AbI-interactor-1 (Abi1), mapped on 10p11.2. ABI1 participates in the transduction of signals from Ras to Rac by regulating Rac-specific guanine nucleotide exchange factor (GEF) activities. It dramatically promoted ABL1-mediated tyrosine phosphorylation of MENA, but not of other substrates. Abi-1 regulates c-AbI-mediated phosphorylation of Mena by interacting with both proteins. ABI1 plays a role in the leukemogenesis by translocating to MLL.

### **Application Notes**

Optimal dilution of the SSH3BP1 antibody should be determined by the researcher.

#### **Immunogen**

Amino acids HGVKWLKAKHGNNQPARTGTLSRTN of human SSH3BP1 were used as the immunogen for the SSH3BP1 antibody.

## **Storage**

After reconstitution, the SSH3BP1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at

20oC. Avoid repeated freezing and thawing.							