

SPSB1 Antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI15381**Specification**

SPSB1 Antibody - middle region - Product Information

Application	WB
Primary Accession	Q96BD6
Other Accession	NM_025106 , NP_079382
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	30kDa KDa

SPSB1 Antibody - middle region - Additional Information**Gene ID** 80176**Alias Symbol** **SSB-1, SSB1**
Other Names
SPRY domain-containing SOCS box protein 1, SSB-1, SPSB1, SSB1**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-SPSB1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

SPSB1 Antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

SPSB1 Antibody - middle region - Protein Information**Name** SPSB1**Synonyms** SSB1**Function**

Substrate recognition component of a SCF-like ECS (Elongin BC-CUL2/5-SOCS-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins (PubMed:15601820, PubMed:21199876). Negatively regulates nitric oxide (NO) production and limits

cellular toxicity in activated macrophages by mediating the ubiquitination and proteasomal degradation of NOS2 (PubMed:21199876). Acts as a bridge which links NOS2 with the ECS E3 ubiquitin ligase complex components ELOC and CUL5 (PubMed:21199876).

Cellular Location

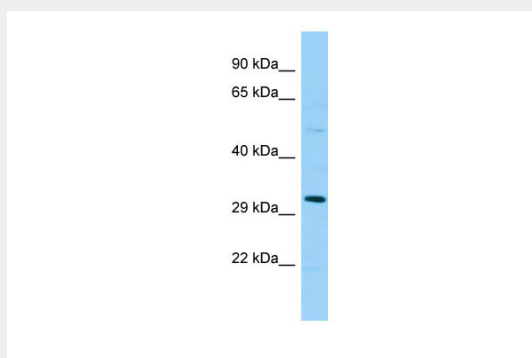
Cytoplasm. Cytoplasm, cytosol. Note=Exhibits a diffuse cytosolic localization.

SPSB1 Antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SPSB1 Antibody - middle region - Images



WB Suggested Anti-SPSB1 Antibody Titration: 1.0 µg/ml
Positive Control: Fetal Lung

SPSB1 Antibody - middle region - References

Friedel E.J.,et al.Submitted (JUL-2001) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Totoki Y.,et al.Submitted (MAR-2005) to the EMBL/GenBank/DDBJ databases.
Gregory S.G.,et al.Nature 441:315-321(2006).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.