

BAG4 / SODD Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS11378**Specification**

BAG4 / SODD Antibody (N-Terminus) - Product Information

Application	ICC, IF, WB, IHC
Primary Accession	O95429
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	50kDa KDa

BAG4 / SODD Antibody (N-Terminus) - Additional Information**Gene ID** 9530**Other Names**

BAG family molecular chaperone regulator 4, BAG-4, Bcl-2-associated athanogene 4, Silencer of death domains, BAG4, SODD

Target/Specificity

peptide corresponding to amino acids near the amino terminus of human SODD

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

BAG4 / SODD Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

BAG4 / SODD Antibody (N-Terminus) - Protein Information**Name** BAG4**Synonyms** SODD**Function**

Inhibits the chaperone activity of HSP70/HSC70 by promoting substrate release (By similarity). Prevents constitutive TNFRSF1A signaling. Negative regulator of PRKN translocation to damaged mitochondria.

Cellular Location

Cytoplasm.

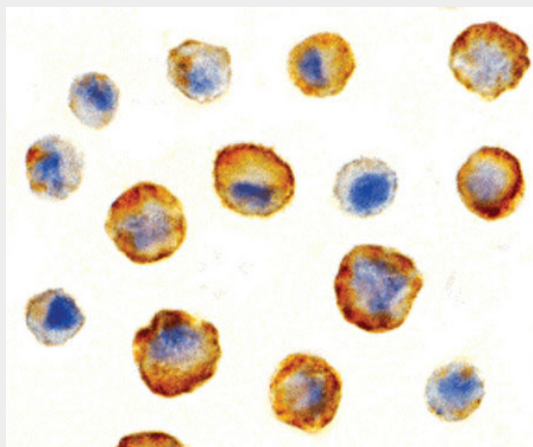
Tissue Location

Ubiquitous.

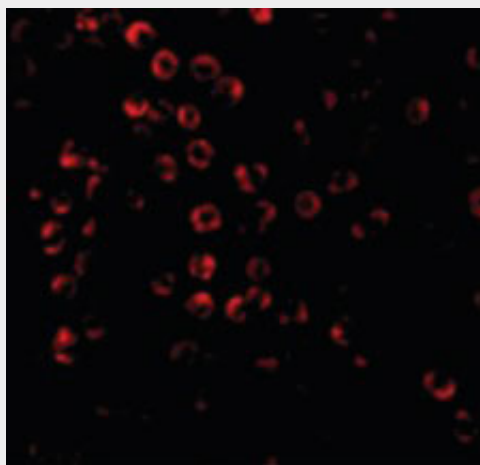
BAG4 / SODD Antibody (N-Terminus) - Protocols

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

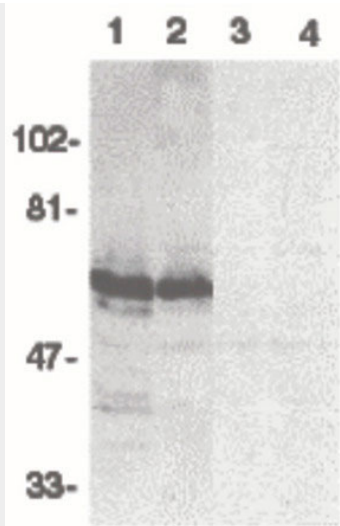
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

BAG4 / SODD Antibody (N-Terminus) - Images

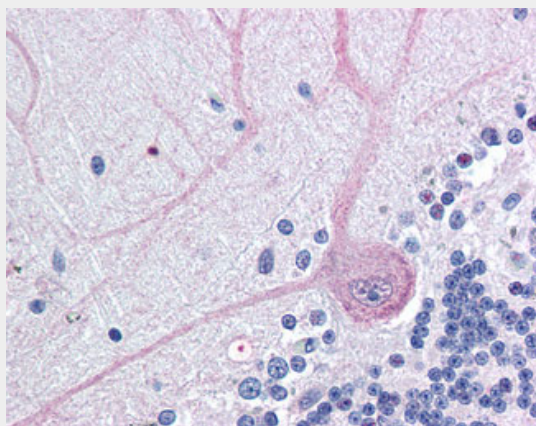
Immunocytochemistry of SODD in HeLa cells with SODD antibody at 5 ug/ml.



Immunofluorescence of SODD in HeLa cells with SODD antibody at 20 ug/ml.



Western blot of SODD in HeLa (1,3) and THP-1 (2,4) whole cell lysates in the absence (1,2) or...



Anti-BAG4 / SODD antibody IHC of human brain, cerebellum.

BAG4 / SODD Antibody (N-Terminus) - Background

Inhibits the chaperone activity of HSP70/HSC70 by promoting substrate release (By similarity). Prevents constitutive TNFRSF1A signaling. Negative regulator of PARK2 translocation to damaged mitochondria.

BAG4 / SODD Antibody (N-Terminus) - References

Takayama S.,et al.J. Biol. Chem. 274:781-786(1999).
Jiang Y.,et al.Science 283:543-546(1999).
Jiang Y.,et al.Science 283:1852-1852(1999).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Nusbaum C.,et al.Nature 439:331-335(2006).