

BAG4 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51010

Specification

BAG4 Antibody - Product Information

Application	WB
Primary Accession	O95429
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	49 KDa
Antigen Region	391 - 450

BAG4 Antibody - 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

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human BAG4. The exact sequence is proprietary.

Dilution

WB~~ 1:1000

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

BAG4 Antibody - 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.

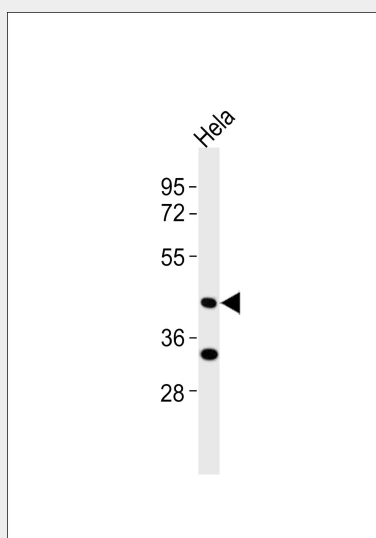
Tissue Location

Ubiquitous.

BAG4 Antibody - 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 Antibody - Images

Anti-BAG4 Antibody at 1:1000 dilution + HeLa whole cell lysates. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 50,45 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

BAG4 Antibody - Background

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BAG4 Antibody - 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).