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Datasheet for ABIN308469

anti-BAG4 antibody (Internal Region)

2 Images

Overview

Quantity:	100 µg
Target:	BAG4
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This BAG4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	SODD
Immunogen:	Peptide with sequence C-GNATSDHPNNQDQSS, from the internal region of the protein sequence according to NP_004865.1.
Sequence:	GNATSDHPNN QDQSS
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

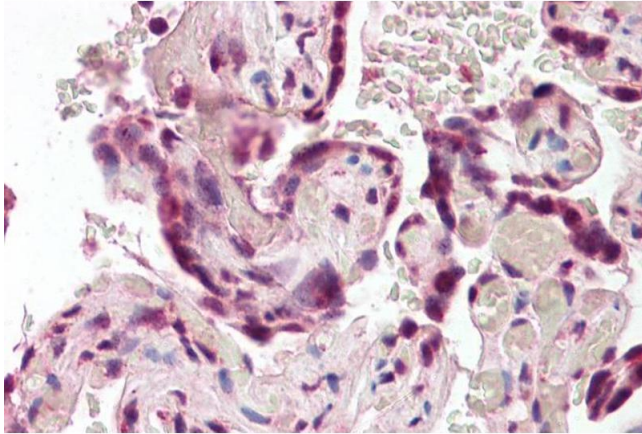
Target:	BAG4
Alternative Name:	BAG4 (BAG4 Products)
Background:	BAG4, BCL2-associated athanogene 4, BAG-4, SODD, BAG-family molecular chaperone regulator-4, silencer of death domains
Gene ID:	9530
NCBI Accession:	NP_004865
Pathways:	Regulation of Actin Filament Polymerization

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Placenta. Recommended concentration: 3.75 µg/mL. Western Blot: Approx. 60 kDa band observed in cell lines HEK293 and HeLa lysates (calculated MW of 49.6 kDa according to NP_004865.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Takada et al, Mol Peptide ELISA: antibody detection limit dilution 1:8000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Immunohistochemistry

Image 1. ABIN308469 (3.75µg/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

Image 2. ABIN308469 (1µg/ml) staining of HEK293 lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.