



## BAG5 Antibody

CATALOG NUMBER: 45-319

### Specifications

#### SPECIES REACTIVITY:

**TESTED APPLICATIONS:** ELISA

**APPLICATIONS:** ELISA: antibody detection limit dilution 1:16000. Western Blot: Preliminary experiments in Human Brain (Cerebellum, Hippocampus and Substantia nigra) lysates gave no specific signal but low background (at antibody concentration up to 1ug/ml). We would appreciate any feedback from people in the field - h

**SPECIFICITY:** This antibody is expected to recognise reported isoforms a (NP\_001015049.1) and b (NP\_001015048.1, NP\_004864.1).

**IMMUNOGEN:** BAG5 antibody was raised against an 11 amino acid synthetic peptide near the internal region of BAG5.

**HOST SPECIES:** Goat

### Properties

**PURIFICATION:** BAG5 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

**PHYSICAL STATE:** Liquid

**BUFFER:** BAG5 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.

**CONCENTRATION:** 500 ug/mL

**STORAGE CONDITIONS:** Aliquot and store at -20°C. Minimize freezing and thawing.

**CLONALITY:** Polyclonal

**CONJUGATE:** Unconjugated

### Additional Info

**ALTERNATE NAMES:** BAG5, BCL2-associated athanogene 5, BAG-5, BAG-family molecular chaperone regulator-5, KIAA0873

**ACCESSION NO.:** NP\_001015048.1, NP\_001015049.1, NP\_004864.1

**PROTEIN GI NO.:** 62548854

**OFFICIAL SYMBOL:** BAG5

**GENE ID:** 9529

### Background

**REFERENCES:** 1) Kalia SK, Lee S, Smith PD, Liu L, Crocker SJ, Thorarinsdottir TE, Glover JR, Fon EA, Park DS, Lozano AM. BAG5 inhibits parkin and enhances dopaminergic neuron degeneration. Neuron. 2004 Dec 16;44(6):931-45.

FOR RESEARCH USE ONLY

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