

## BAG5 Antibody

*BAG5, BCL2-associated athanogene 5, BAG-5, BAG-family molecular chaperone regulator-5*

**CATALOG NO.:** 45-319

**HOST:**

Goat

**CLONALITY:**

Polyclonal

**INFORMATION:**

BAG5 Antibody. This antibody is expected to recognise reported isoforms a (NP\_001015049.1) and b (NP\_001015048.1, NP\_004864.1).

**SOURCE:**

BAG5 antibody was raised against a synthetic peptide near an internal region of BAG5.

**PROTEIN ACCESSION NUMBER(S) :**

NP\_001015048.1, NP\_001015049.1, NP\_004864.1

**SPECIES REACTIVITY:**

Human, Mouse, Rat

**TESTED APPLICATION:**

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**APPLICATION:**

Peptide ELISA: antibody detection limit dilution 1:16,000.  
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 1µg/ml).

**PURIFICATION:**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

**BUFFER:**

0.1mg of purified antibody in 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

**STORAGE:**

Aliquot and store at -20°C. Minimize freezing and thawing.

**REFERENCE:**

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.

**USER NOTES:**

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.