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# EB11159 - Goat Anti-Amyloid beta peptide (mouse) Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

**Principal Names:** Abeta, Abpp, Adap, Ag, alzheimer disease amyloid A4 protein homolog, amyloid beta (A4) precursor protein, amyloid beta A4 protein, amyloidogenic glycoprotein, appican, betaApp, Cvap, E030013M08Rik, protease nexin II, App

Official Symbol: App

Accession Number(s): NP\_001185752.1; NP\_031497.2; NP\_001185753.1;

NP\_001185754.1; NP\_001185755.1

Non-Human GenelD(s): 11820 (mouse), 54226 (rat)

**Important Comments:** This antibody is expected to recognize all reported isoforms of mAPP (NP\_001185752.1; NP\_031497.2; NP\_001185753.1; NP\_001185754.1; NP\_001185755.1) and to recognize all lengths of the putative mouse Amyloid beta peptide.

## **Immunogen**

Peptide with sequence DAEFGHDSGFEVRHQK-C, from the N Terminus of the protein sequence according to NP\_001185752.1; NP\_031497.2; NP\_001185753.1; NP\_001185755.1.

Please note the peptide is available for sale.

# **Purification and Storage**

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

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

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

## **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:64000.

**Western blot:** Approx 100kDa band observed in Mouse Brain lysates (calculated MW of 86.7kDa according to NP\_001185752.1). Recommended concentration: 0.03-0.1µg/ml. Primary incubation was 1 hour.

**IHC:** Paraffin embedded Human Brain (Cerebellum). Recommended concentration: 5µg/ml.

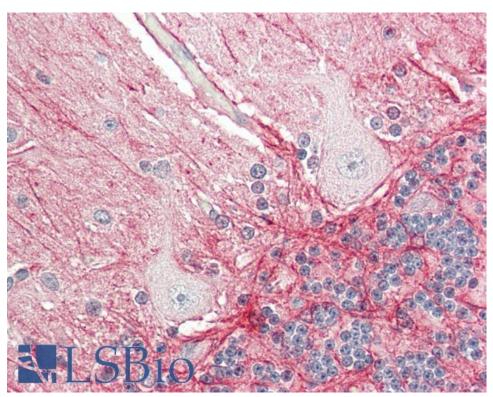
# **Species Reactivity**

Tested: Human, Mouse

Expected from sequence similarity: Mouse, Rat



EB11159 ( $0.03\mu g/ml$ ) staining of Mouse Brain lysate ( $35\mu g$  protein in RIPA buffer). Detected by chemiluminescence.



EB11159 ( $5\mu g/ml$ ) staining of paraffin embedded Human Cerebellum. Steamed antigen retrieval with citrate buffer Ph 6, AP-staining.