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# EB07682-B - Goat Anti-Latexin, Biotinylated Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

Principal Names: LXN, latexin, ECI, TCI, MUM, endogenous carboxypeptidase inhibitor,

tissue carboxypeptidase inhibitor

Official Symbol: LXN

Accession Number(s): NP\_064554.3

Human GeneID(s): 56925

Non-Human GenelD(s): 17035 (mouse), 59073 (rat)

#### **Immunogen**

Peptide with sequence C-QYGTKVKHNSRLPKE., from the C Terminus of the protein sequence according to NP\_064554.3.

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 1:128000.

**Western blot:** Approx 28kDa band observed in Rat Brain lysates (calculated MW of 25.6kDa according to Rat NP\_113843.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.1-0.3µg/ml.

## **Species Reactivity**

Tested: Human, Mouse, Rat, Dog

Expected from sequence similarity: Human, Mouse, Rat, Dog

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

Biotinylated EB07682 (0.3µg/ml) staining of Rat Brain lysate (35µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.