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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB07682 - Goat Anti-Latexin Antibody

Size: 100µg specific antibody in 200µl



Target Protein

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

Official Symbol: LXN

Accession Number(s): NP_064554.2

Human GeneID(s): [56925](#)

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

Immunogen

Peptide with sequence C-QYGTKVKHNSRLPKE, from the C Terminus of the protein sequence according to NP_064554.2.

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 lysates of Human Brain (Cerebellum), Mouse Brain and Rat Brain (calculated MW of 25.8kDa according to NP_064554.2). Recommended concentration: 0.3-1µg/ml.

IHC: This antibody has been successfully used in IHC-P for mouse bones as described in the following paper: Kadouchi et al, Biochem Biophys Res Commun. 2009 Jan 16;378(3):600-4; PMID: 19059214.

Species Reactivity

Tested: Human, Mouse, Rat

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

Specific References

This antibody has been successfully used in the following paper:

Kadouchi I, Sakamoto K, Tangjiao L, Murakami T, Kobayashi E, Hoshino Y, Yamaguchi A. Latexin is involved in bone morphogenetic protein-2-induced chondrocyte differentiation. Biochem Biophys Res Commun. 2009 Jan 16;378(3):600-4. PMID: 19059214

This antibody has been successfully used in the following paper:

Mitsunaga K, Kikuchi J, Wada T, Furukawa Y. Latexin regulates the abundance of multiple cellular proteins in hematopoietic stem cells. J Cell Physiol. 2011 May 12. PMID: 21567403

EB07682 (0.3µg/ml) staining of Rat Brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.