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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 GenelD(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.

biochem biophys Res Commun. 2009 Jan 10,376(3).000

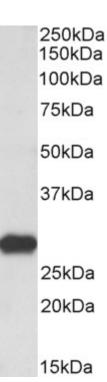
PMID: 19059214

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.