

## Goat anti-Latexin Antibody

<b>Item Number</b>	dAP-1037
<b>Target Molecule</b>	Principle Name: Latexin; Official Symbol: LXN; All Names and Symbols: latexin; latexin protein; LXN; ECI; TCI; Accession Number (s): NP_064554.2; Human Gene ID(s): 56925; Non-Human GeneID(s): 17035 (mouse) 59073 (rat)
<b>Immunogen</b>	QYGTKVKHNSRLPKE, is from C Terminus
<b>Applications</b>	Pep ELISA, WB, IHC, IF Species Tested: Human, Mouse, Rat
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 128000.
<b>Western Blot</b>	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.
<b>IHC</b>	Immunohistochemistry: 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.
<b>Reference</b>	Reference(s): de Haan G. Latexin is a newly discovered regulator of hematopoietic stem cells. Nat Genet. 2007 Feb;39(2):141-2. .PMID: 17262023 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**