

Goat Anti-Latexin Antibody
Peptide-affinity purified goat antibody
Catalog # AF1617a

Specification

Goat Anti-Latexin Antibody - Product Information

Application	WB
Primary Accession	O9BS40
Other Accession	NP_064554 , 56925 , 17035 (mouse) , 59073 (rat)
Reactivity	Human, Mouse, Rat
Predicted	Dog
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	25750

Goat Anti-Latexin Antibody - Additional Information

Gene ID 56925

Other Names

Latexin, Endogenous carboxypeptidase inhibitor, ECI, Protein MUM, Tissue carboxypeptidase inhibitor, TCI, LXN

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-Latexin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-Latexin Antibody - Protein Information

Name LXN

Function

Hardly reversible, non-competitive, and potent inhibitor of CPA1, CPA2 and CPA4. May play a role in inflammation.

Cellular Location

Cytoplasm.

Tissue Location

Highly expressed in heart, prostate, ovary, kidney, pancreas, and colon, moderate or low in other tissues including brain

Goat Anti-Latexin Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat Anti-Latexin Antibody - Images



AF1617a (0.1 μ g/ml) staining of Rat Brain lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-Latexin Antibody - Background

This gene encodes the only known protein inhibitor of zinc-dependent metalloproteases.

Goat Anti-Latexin Antibody - References

Large-scale mapping of human protein-protein interactions by mass spectrometry. Ewing RM, et al. Mol Syst Biol, 2007. PMID 17353931.
Structure of human carboxypeptidase A4 with its endogenous protein inhibitor, latexin. Pallarás I, et al. Proc Natl Acad Sci U S A, 2005 Mar 15. PMID 15738388.
The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.
Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932.
Cloning, tissue expression pattern and genomic organization of latexin, a human homologue of rat carboxypeptidase A inhibitor. Liu Q, et al. Mol Biol Rep, 2000. PMID 11455960.