

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 µg/ml) staining of Rat Brain lysate (35 µg 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 metallopeptidases.

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. Pallarès 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.