

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

### Specification

#### Goat Anti-Latexin Antibody - Product Information

|                   |   |
|-------------------|---|
| Application       | WB, IHC, IF, E  |
| Primary Accession | <a href="#">Q9BS40</a>  |
| Other Accession   | <a href="#">NP_064554</a> , <a href="#">56925</a> , <a href="#">17035 (mouse)</a> , <a href="#">59073 (rat)</a> |
| 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

##### Dilution

WB~~1:1000  
IHC~~1:100~500  
IF~~1:50~200  
E~~N/A

##### 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 metallocarboxypeptidases.

**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

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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.