

Product Datasheet

Calcium-sensing R/CaSR Antibody NLS1425

Unit Size: 0.05 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NLS1425**Calcium-sensing R/CaSR Antibody**

| Product Information | |
|----------------------------|--|
| Unit Size | 0.05 ml |
| Concentration | 1.0 mg/ml |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.1% Sodium Azide |
| Isotype | IgG |
| Purity | Immunogen affinity purified |
| Buffer | PBS |

| Product Description | |
|--------------------------------|--|
| Host | Rabbit |
| Gene ID | 846 |
| Gene Symbol | CASR |
| Species | Human, Mouse, Rat, Porcine, Bat, Bovine, Canine, Chicken, Equine, Hamster, Primate, Monkey, Rabbit |
| Reactivity Notes | Predicted cross-reactivity based on sequence identity: Gorilla (100%), Gibbon (100%), Marmoset (100%). |
| Specificity/Sensitivity | Human CASR. BLAST analysis of the peptide immunogen showed no homology with other human proteins. |
| Immunogen | Synthetic 17 amino acid peptide from N-terminal extracellular domain of human CASR. |

| Product Application Details | |
|------------------------------------|---|
| Applications | Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Immunohistochemistry, Immunohistochemistry-Paraffin 1:10 - 1:500 |
| Application Notes | ICC/IF usage is reported in scientific literature (PMID: 24217682). |

Publications

Henaut L, Boudot C, Massy ZA et al. Calcimimetics increase CaSR expression and reduce mineralization in vascular smooth muscle cells: mechanisms of action. *Cardiovasc Res.* 2013-11-28 [PMID: 24217682] (ICC/IF, Human)





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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