

Product Datasheet

GPR125 Antibody NBP1-03561

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NBP1-03561

GPR125 Antibody

| Product Information | |
|--------------------------------|--|
| Unit Size | 0.1 mg |
| Concentration | 0.5 mg/ml |
| Storage | Store at -20C. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG |
| Purity | Immunogen affinity purified |
| Buffer | Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA |
| Target Molecular Weight | 146 kDa |

| Product Description | |
|-------------------------|---|
| Description | Novus Biologicals Goat GPR125 Antibody (NBP1-03561) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-GPR125 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Goat |
| Gene ID | 166647 |
| Gene Symbol | ADGRA3 |
| Species | Human, Mouse |
| Reactivity Notes | Use in Mouse reported in scientific literature (PMID:33754041). |
| Immunogen | Peptide with sequence CTNKSASSFKNS corresponding to internal region according to NP_660333.2. |

| Product Application Details | |
|------------------------------|---|
| Applications | Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA |
| Recommended Dilutions | Western Blot 0.5 - 1.5 ug/mL, Immunohistochemistry 3.75 ug/mL, Immunohistochemistry-Paraffin 3.75 ug/mL, Peptide ELISA Detection limit 1:8000 |
| Application Notes | WB: Approx. 140 kDa band observed in human ovary lysates (calculated MW of 146 kDa band according to NP_660333.2). An additional band of unknown identity was also consistently observed at 33 kDa. This band was successfully blocked by incubation with the immunizing peptide. GPR125 antibody also validated for IHC-P from a verified customer review. |



Images

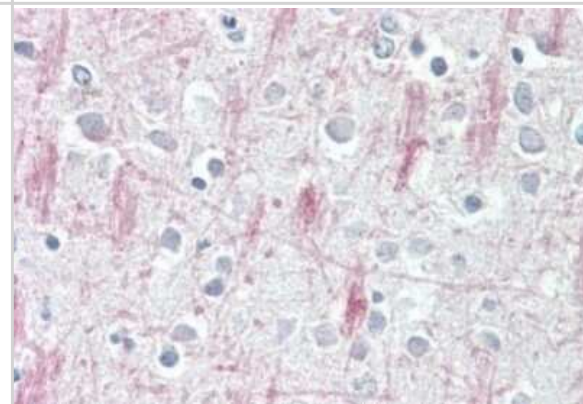
Western Blot: GPR125 Antibody [NBP1-03561] - Staining of Human Ovary lysate (35 ug protein in RIPA buffer). Antibody at 0.5 ug/mL. Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

Immunohistochemistry-Paraffin: GPR125 Antibody [NBP1-03561] - Bouin's fixed Human Testis stained with anti-GPR125. IHC-P image submitted by a verified customer review.



Immunohistochemistry-Paraffin: GPR125 Antibody [NBP1-03561] - Staining of Human Cortex. Antibody at 3.75 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Wang M, Xu Y, Zhang Y et al. Deciphering the autophagy regulatory network via single-cell transcriptome analysis reveals a requirement for autophagy homeostasis in spermatogenesis Theranostics 2021-03-05 [PMID: 33754041] (IHC-P, Mouse)

Seandel M, James D, Shmelkov SV et al. Generation of functional multipotent adult stem cells from GPR125+ germline progenitors. Nature 2007-09-20 [PMID: 17882221]

Sachs C, Robinson B D, Andres Martin L et al. Evaluation of candidate spermatogonial markers ID4 and GPR125 in testes of adult human cadaveric organ donors. Andrology. 2014-06-05 [PMID: 24902969] (Human)



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Products Related to NBP1-03561

| | |
|-----------------|--|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP] |
| HAF017 | Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| HAF109 | Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| NB410-28088-1mg | Goat IgG Isotype Control |

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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