



## International Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB08535 - Goat Anti-GPR125 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** GPR125, G protein-coupled receptor 125, PGR21, TEM5L, TEM5-like

**Official Symbol:** ADGRA3

**Accession Number(s):** NP\_660333.2

**Human GeneID(s):** [166647](#)

**Non-Human GeneID(s):** 70693 (mouse)

### Immunogen

Peptide with sequence CTNKSASSFKNS, from the internal region of the protein sequence according to NP\_660333.2.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:8000.

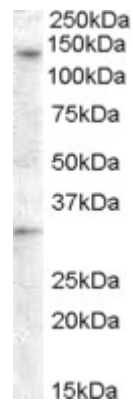
**Western blot:** Approx 140kDa band observed in Human Ovary lysates (calculated MW of 146kDa according to NP\_660333.2). Recommended concentration: 0.5-1.5µg/ml. Primary incubation was 1 hour. An additional band of unknown identity was also consistently observed at 33kDa. This band was successfully blocked by incubation with the immunising peptide.

**IHC:** Paraffin embedded Human Brain (Cortex). Recommended concentration: 3.75µg/ml. A customer reported successful results on Human Testis.

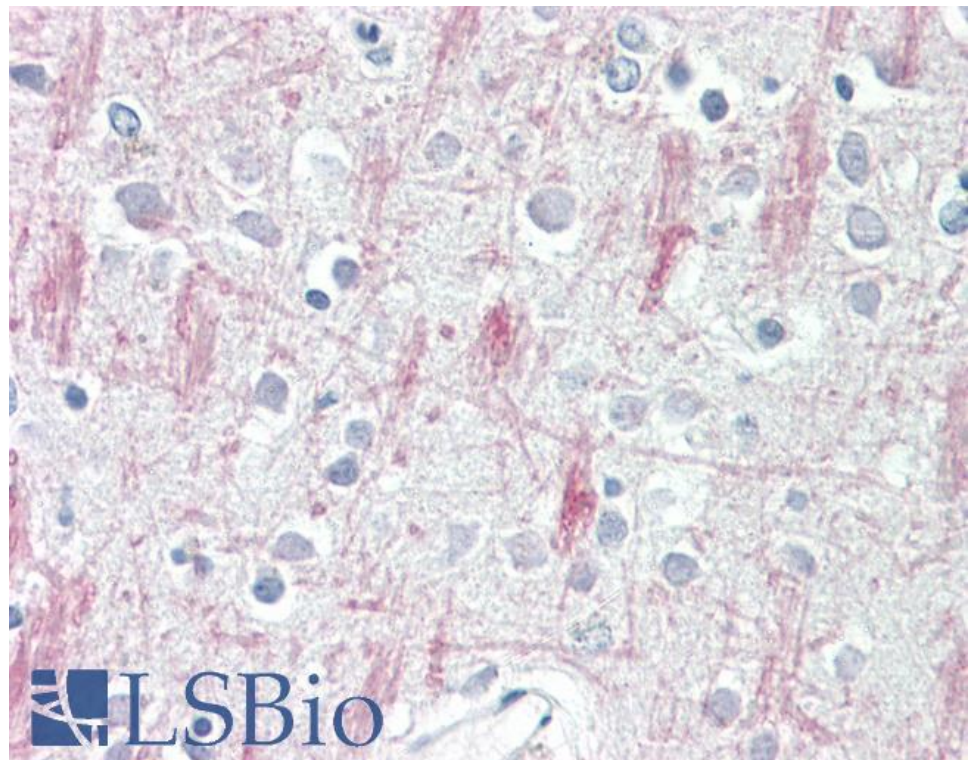
### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse



EB08535 (0.5µg/ml) staining of Human Ovary lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB08535 (3.75µg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.