

### **UK Office**

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# 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 GenelD(s): <u>166647</u> Non-Human GenelD(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.

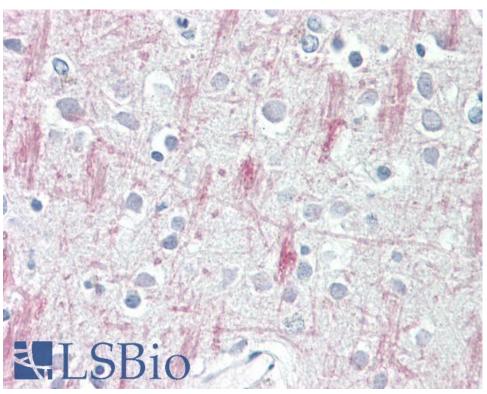
#### **Species Reactivity**

Tested: Human Expected from sequence similarity: Human, Mouse

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

15kDa

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.