



## International Office

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

## EB10227 - Goat Anti-ARHGDIG Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** Rho GDP dissociation inhibitor (GDI) gamma, RhoGDI gamma, RHOGDI-3, ARHGDIG

**Official Symbol:** ARHGDIG

**Accession Number(s):** NP\_001167.2

**Human GeneID(s):** [398](#)

**Non-Human GeneID(s):** 14570 (mouse), 360500 (rat)

### Immunogen

Peptide with sequence C-EAVPEYRAPGRK, from the C Terminus of the protein sequence according to NP\_001167.2.

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 1:16000.

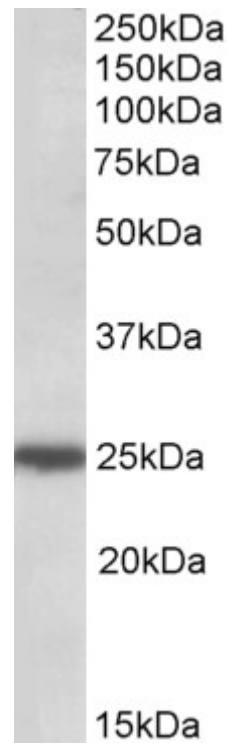
**Western blot:** Approx 25kDa band observed in lysates of cell line HeLa (calculated MW of 25.1kDa according to NP\_001167.2). Recommended concentration: 0.5-2µg/ml. Primary incubation was 1 hour.

**IHC:** Paraffin embedded Human Brain (Cortex). Recommended concentration: 3.75µg/ml.

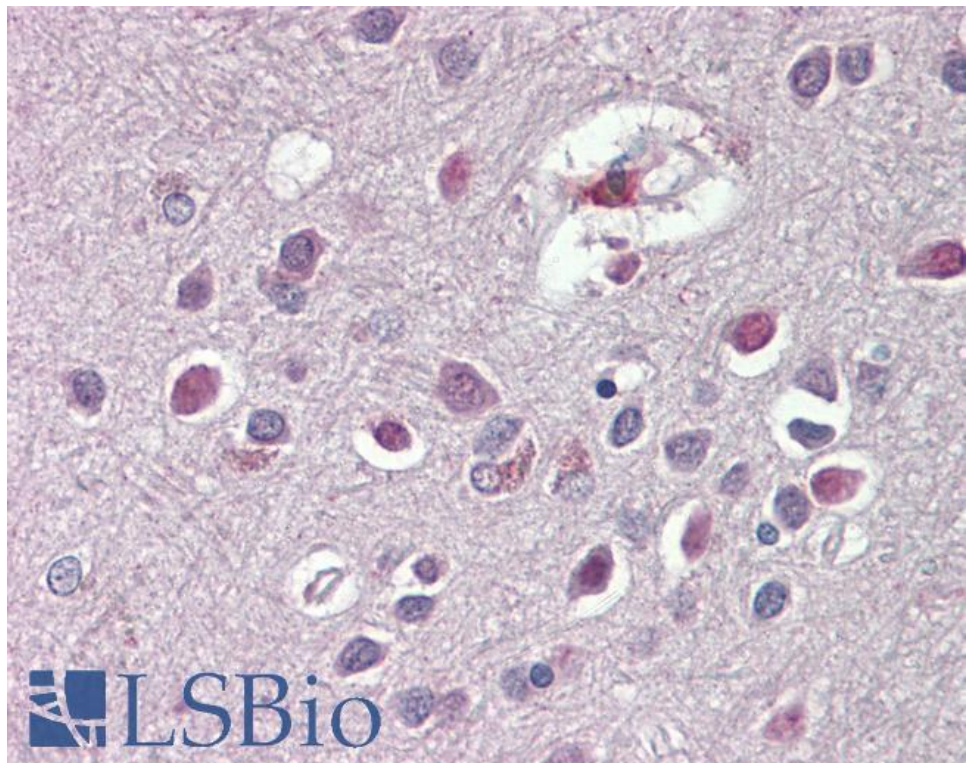
### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Cow



EB10227 (0.5 $\mu$ g/ml) staining of HeLa lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB10227 (3.75 $\mu$ g/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer Ph 6, AP-staining.