



## International Office

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

## EB07981 - Goat Anti-LGP2 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** DHX58, LGP2, DEXH (Asp-Glu-X-His) box polypeptide 58, D11LGP2, D11lgp2e, LGP2, RNA helicase LGP2, ortholog of mouse D11lgp2

**Official Symbol:** DHX58

**Accession Number(s):** NP\_077024.2

**Human GeneID(s):** [79132](#)

### Immunogen

Peptide with sequence DFLQHCAENLSD, from the C Terminus of the protein sequence according to NP\_077024.2.

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 80kDa band observed in Human Liver lysates (calculated MW of 76.6kDa according to NP\_077024.2). Recommended concentration: 0.3-1µg/ml. An additional band of unknown identity was also consistently observed at 24kDa. This band was successfully blocked by incubation with the immunising peptide. Primary incubation was 1 hour.

**IHC:** Paraffin embedded Human Brain (Cortex). Recommended concentration: 8µg/ml.

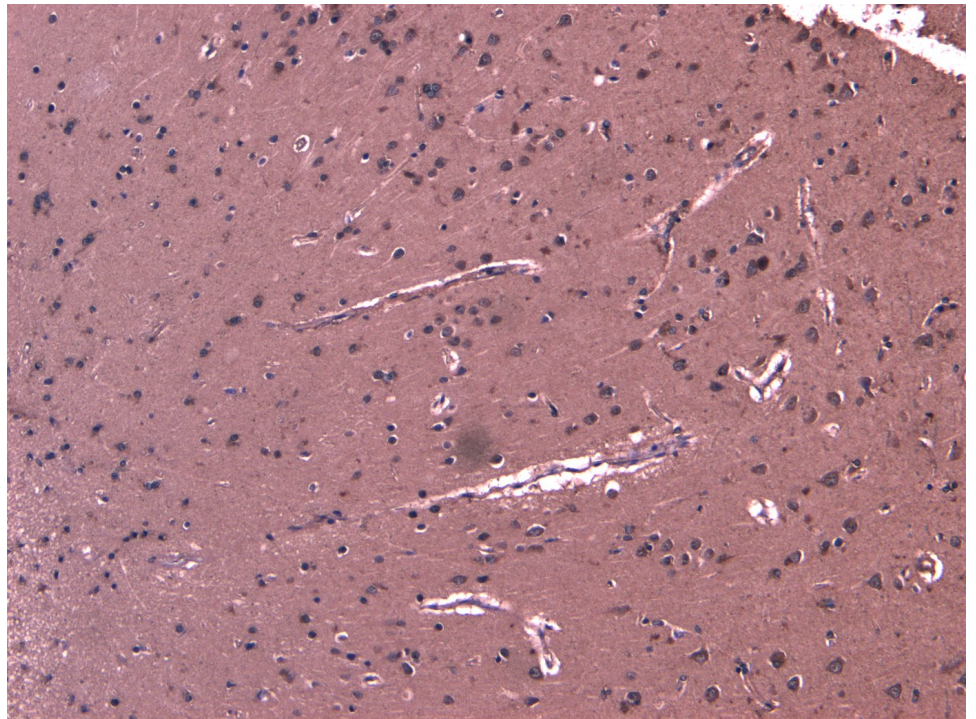
### Species Reactivity

**Tested:** Human

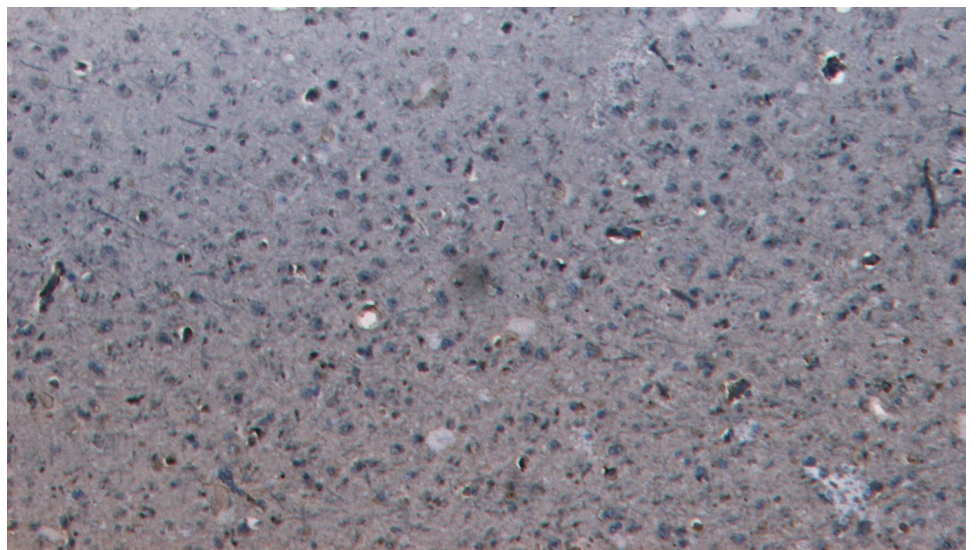
**Expected from sequence similarity:** Human



EB07981 (0.3 $\mu$ g/ml) staining of Human Liver lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB07981 (8 $\mu$ g/ml) staining of paraffin embedded Human Cortex. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



EB07981 Negative Control showing staining of paraffin embedded Human Cortex, with no primary antibody.