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

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

## EB05248 - Goat Anti-PLRG1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** pleiotropic regulator 1 (PRL1, Arabidopsis homolog), pleiotropic regulator 1 (PRL1homolog, Arabidopsis), pleiotropic regulator 1 (PRL1, Arabidopsis homolog), MGC110980, PRL1, pleiotropic regulator 1 (PRL1 homolog, Arabidopsis), PLRG1

**Official Symbol:** PLRG1

**Accession Number(s):** NP\_002660.1; NP\_001188493.1

**Human GeneID(s):** [5356](#)

**Non-Human GeneID(s):** 60376 (rat)

**Important Comments:** This antibody is expected to recognise isoform 1 (NP\_002660.1) and isoform 2 (NP\_001188493.1).

### Immunogen

Peptide with sequence C-PVSWKPEIHKRKRF, from the C Terminus of the protein sequence according to NP\_002660.1; NP\_001188493.1.

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 60kDa band seen in Mouse Kidney extracts. Recommended for use at 0.5-2µg/ml.

### Species Reactivity

**Tested:** Mouse

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



EB05248 staining (0.5 $\mu$ g/ml) of Mouse Kidney extract (RIPA buffer, 35 $\mu$ g total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.