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Research Use Only. Not for diagnostic or therapeutic use.

EB07207 - Goat Anti-PGRMC1 / MPR Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: PGRMC1, MPR, progesterone receptor membrane component 1,

HGNC:16090, HPR6.6, progesterone binding protein

Official Symbol: PGRMC1

Accession Number(s): NP_006658.1

Human GenelD(s): 10857

Non-Human GenelD(s): 53328 (mouse)

Immunogen

 $\label{lem:continuous} \mbox{Peptide with sequence C-EPKDESARKND, from the C Terminus of the protein sequence}$

according to NP_006658.1.

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 1:4000.

Western blot: Approx 25kDa band observed in Human Kidney, Liver and Testis lysates (calculated MW of 21.7kDa according to NP_006658.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Engmann et al, J Clin

Endocrinol Metab. 2006 Dec;91(12):4962-8.; PMID: 16984987). Recommended

concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Testis. Recommended concentration: 5µg/ml.

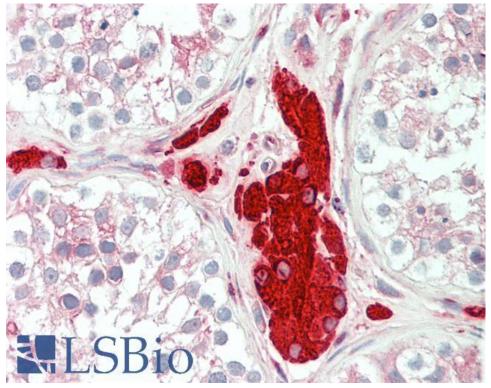
Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat



EB07207 (0.1μg/ml) staining of Human Kidney lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.



EB07207 (5μg/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.