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Research Use Only. Not for diagnostic or therapeutic use.

EB10569 - Goat Anti-SIM2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: SIM2, single-minded homolog 2 (Drosophila), MGC119447, SIM, bHLHe15, OTTHUMP00000109044, class E basic helix-loop-helix protein 15,

single-minded homolog 2, single-minded homolog 2, short isoform

Official Symbol: SIM2

Accession Number(s): NP_005060.1; NP_033664.2

Human GeneID(s): 6493

Non-Human GenelD(s): 20465 (mouse), 304071 (rat)

Important Comments: This antibody is expected to recognize all reported isoforms

(NP_005060.1; NP_033664.2).

Immunogen

Peptide with sequence C-SDLLYTPSYS, from the internal region of the protein sequence according to NP_005060.1; NP_033664.2.

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 1:1000.

Western blot: Approx 80kDa band observed in fetal Mouse Kidney lysates (calculated MW of 73.2kDa according to Human NP_005060.1) and 72.5kDa according to Mouse NP_035507.2. Recommended concentration: 0.5-2µg/ml.

11 _000007.2. Recommended concentration: 0.0 2μ

Species Reactivity

Tested: Mouse

Expected from sequence similarity: Human, Mouse, Rat

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

EB10569 (0.5μg/ml) staining of fetal Mouse kidney lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.