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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.

EB09607 - Goat Anti-SUMF1 Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: OTTHUMP00000115300, C-alpha-formylglycine-generating enzyme, MGC150436, MGC131853, FGE, AAPA3037, sulfatase modifying factor 1, SUMF1
Official Symbol: SUMF1
Accession Number(s): NP_877437.2
Human GeneID(s): 285362
Non-Human GeneID(s): 58911 (mouse), 362409 (rat)

Immunogen

Peptide with sequence C-ETLNPKGPPSGKDR, from the internal region of the protein sequence according to NP_877437.2.

Please note the peptide is available for sale.

Purification and Storage

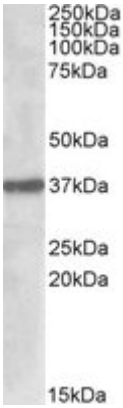
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:16000.
Western blot: Approx 37-40kDa band observed in Mouse Pancreas, Mouse Eye and Human Kidney lysates (calculated MW of 40.6kDa according to Human NP_877437.2 and 40.6kDa according to Mouse NP_666049.2). Recommended concentration: 0.5-2µg/ml.

Species Reactivity

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



EB09607 (1µg/ml) staining of Mouse Pancreas lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.