

## Goat anti-SUMF1 Antibody

Item Number	dAP-1855
Target Molecule	Principle Name: SUMF1; Official Symbol: SUMF1; All Names and Symbols: SUMF1; sulfatase modifying factor 1; AAPA3037; FGE; MGC131853; MGC150436; C-alpha-formylglycine-generating enzyme; OT-THUMP00000115300; Accession Number (s): NP_877437.2; Human Gene ID(s): 285362; Non-Human GenelD(s): 58911 (mouse) 362409 (rat)
Immunogen	ETLNPKGPPSGKDR, is from internal region
Applications	Pep ELISA, WB Species Tested: Human, Mouse
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	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.
IHC	
Reference	Reference(s): Oshikawa M, Usami R, Kato S. Characterization of the arylsulfatase I (ARSI) gene preferentially expressed in the human retinal pigment epithelium cell line ARPE-19. Molecular vision 2009 15 : 482-94..PMID: 19262745->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**