

## Goat anti-SUMF1 Antibody

<b>Item Number</b>	dAP-1855
<b>Target Molecule</b>	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 GeneID(s): 58911 (mouse) 362409 (rat)
<b>Immunogen</b>	ETLNPKGPPSGKDR, is from internal region
<b>Applications</b>	Pep ELISA, WB Species Tested: Human, Mouse
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 16000.
<b>Western Blot</b>	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.
<b>IHC</b>	
<b>Reference</b>	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**