

## Goat anti-HSULF-1 / sulfatase 1 Antibody

Item Number	dAP-3332
Target Molecule	Principle Name: HSULF-1 / sulfatase 1; Official Symbol: SULF1; All Names and Symbols: SULF1; sulfatase 1; HSULF-1; SULF-1; extracellular sulfatase Sulf-1; sulfatase FP; Accession Number (s): NP_055985.2; Human Gene ID(s): 23213; Non-Human GeneID(s):
Immunogen	RGFHDKDKECS, is from internal region Reported variants NP_055985.2; NP_001121676.1; NP_001121677.1; NP_001121678.1 represent identical protein
Applications	Pep ELISA  Species Tested:
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 128000.
Western Blot	Western Blot: Preliminary experiments in Human Colon, Heart, Kidney, Lung, Ovary and Prostrate lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have a
IHC	
Reference	Reference(s): Xu G, Ji W, Su Y, Xu Y, Yan Y, Shen S, Li X, Sun B, Qian H, Chen L, Fu X, Wu M, Su C. Sulfatase 1 (hSulf-1) reverses basic fibroblast growth factor-stimulated signaling and inhibits growth of hepatocellular carcinoma in animal model. <i>Oncotarget</i> 2014 Jul 5 (13): 5029-39. PMID: 24970807->

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 end users! This product is sold for **Research Use Only**