

Goat anti-Stomatin Antibody

Item Number	dAP-2815
Target Molecule	Principle Name: Stomatin; Official Symbol: STOM; All Names and Symbols: STOM; stomatin; BND7; EPB7; EPB72; erythrocyte band 7 integral membrane protein; erythrocyte membrane protein band 7.2 (stomatin); protein 7.2b; Accession Number (s): NP_004090.4; NP_937837.1; Human Gene ID(s): 2040; Non-Human GeneID(s):
Immunogen	EKRHTRDSEAQR, is from N Terminus This antibody is expected to recognize both reported isoforms (NP_004090.4; NP_937837.1).
Applications	Pep ELISA, WB, IHC Species Tested: Human
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: Approx 30kDa band observed in Human Erythrocytes, Spleen, Bone Marrow and Lung lysates (calculated MW of 31.7kDa according to NP_004090.4). Recommended concentration: 0.1-0.3µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Liver shows membrane staining of hepatocytes and of sinusoidal lining cells. Recommended concentration, 5-10µg/ml.
Reference	Reference(s): Mrówczyńska L, Salzer U, Perutková S, Iglič A, Hägerstrand H. Echinophilic proteins stomatin, sorcin, and synexin locate outside gangliosideM1 (GM1) patches in the erythrocyte membrane. Biochem Biophys Res Commun. 2010 Oct 22;401(3):396-400..PMID: 20858460->

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**