

Goat anti-Amisyn / STXBP6 Antibody

Item Number	dAP-0258
Target Molecule	Principle Name: Amisyn / STXBP6; Official Symbol: STXBP6; All Names and Symbols: STXBP6; syntaxin binding protein 6 (amisyn); amisyn; HSPC156; amisyn; syntaxin binding protein 6; FLJ39638; OT-THUMP00000178754; Accession Number (s): NP_054897.4; Human Gene ID(s): 29091; Non-Human GeneID(s): 217517 (mouse)
Immunogen	SAKSAISKEIFAP, is from N Terminus
Applications	Pep ELISA, 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 32000.
Western Blot	Western Blot: Preliminary experiments gave bands at both approx 25kDa and approx 45kDa in Human Brain extracts at 0.1µg/ml. Please note that currently we cannot find an explanation in the literature for the 45kDa band we observe given the predicted size
IHC	Immunohistochemistry: In paraffin embedded Human Kidney shows cytoplasm staining of PCT and DCT cells Recommended concentration, 3-5µg/ml.
Reference	Reference(s): Scales SJ, Hesser BA, Masuda ES, Scheller RH. Amisyn, a novel syntaxin-binding protein that may regulate SNARE complex assembly. J Biol Chem. 2002 Aug 2;277(31):28271-9..PMID: 12145319 ->

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**