

Goat anti-PEX5 Antibody

Item Number	dAP-3263
Target Molecule	Principle Name: PEX5; Official Symbol: PEX5; All Names and Symbols: PEX5; peroxisomal biogenesis factor 5; FLJ50634; FLJ50721; FLJ51948; PTS1-BP; PTS1R; PXR1; OTTHUMP00000238192; OTTHUMP00000238193; OTTHUMP00000238194; OTTHUMP00000238195; OTTHUMP00000238353; OTTHUMP00000238354; OTTHUMP00000238356; PTS1 receptor; peroxin-5; Accession Number (s): NP_001124495.1; NP_000310.2; NP_001124496.1; NP_001124497.1; Human Gene ID(s): 5830; Non-
Immunogen	QHTASDFVAKVDDPK, is from internal region This antibody is expected to recognize all reported isoforms (NP_001124495.1; NP_000310.2; NP_001124496.1; NP_001124497.1). Reported variants represent identical protein: NP_001124498.1,
Applications	Pep ELISA, WB 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 70+65kDa bands observed in Human Kidney lysates (calculated MW of 72.3kDa according to NP_001124495.1 and 66.8kDa according to NP_001124496.1). Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Alencastre IS, Rodrigues TA, Grou CP, Fransen M, Sá-Miranda C, Azevedo JE. Mapping the cargo protein membrane translocation step into the PEX5 cycling pathway. J Biol Chem. 2009 Oct 2;284(40):27243-51..PMID: 19632994->

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**