

Goat anti-PEX2 / PXMP3 Antibody

Item Number	dAP-2118
Target Molecule	Principle Name: PEX2 / PXMP3; Official Symbol: PXMP3; All Names and Symbols: PXMP3; peroxisomal membrane protein 3, 35kDa; PAF-1; PAF1; PEX2; PMP3; PMP35; RNF72; RING finger protein 72; peroxin 2; peroxin-2; peroxisome assembly factor-1; Accession Number (s): NP_000309.1; Human Gene ID(s): 5828; Non-Human GenelD(s): 19302 (mouse) 29534 (rat)
Immunogen	NATVGQSVLNIKYKN, is from internal region Reported variants represent identical protein: NP_001073336.1, NP_000309.1
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 35kDa band observed in lysates of cell line HeLa (calculated MW of 34.9kDa according to NP_000309.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Steinberg S, Chen L, Wei L, Moser A, Moser H, Cutting G, Braverman N, The PEX Gene Screen: molecular diagnosis of peroxisome biogenesis disorders in the Zellweger syndrome spectrum. Molecular genetics and metabolism 2004 Nov 83 (3): 252-63.. PMID: 15542397->

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**