

## Goat anti-Copine 1 Antibody

Item Number	dAP-2125
Target Molecule	Principle Name: Copine 1; Official Symbol: CPNE1; All Names and Symbols: CPNE1; copine I; COPN1; CPN1; MGC1142; OTTHUMP0000030775; OTTHUMP0000030776; copine-1; Accession Number (s): NP_690902.1; NP_003906.2; Human Gene ID(s): 8904; Non-Human GenID(s):
Immunogen	APLKPLPPSAKDPA, is from C Terminus This antibody is expected to recognize isoform a and b (NP_003906.2; NP_690902.1). Reported variants represent identical protein: NP_690905.1, NP_690902.1, NP_690903.1, NP_690906.1, NP_690904.1,
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 16000.
Western Blot	Western Blot: Approx 55kDa band observed in Human Skin lysates (calculated MW of 59.1kDa according to NP_690902.1). Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Zhang Y, Gao Q, Duan S, He Y, Sun X, Jiang R, Duan Y, Zhong X, Ge J. Upregulation of Copine1 in trabecular meshwork cells of POAG patients: a membrane proteomics approach. Molecular vision 2008 14 : 1028-36..PMID: 18523666->

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**