

## Goat anti-Copine 1 Antibody

<b>Item Number</b>	dAP-2125
<b>Target Molecule</b>	Principle Name: Copine 1; Official Symbol: CPNE1; All Names and Symbols: CPNE1; copine I; COPN1; CPN1; MGC1142; OTTHUMP00000030775; OTTHUMP00000030776; copine-1; Accession Number (s): NP_690902.1; NP_003906.2; Human Gene ID(s): 8904; Non-Human GeneID(s):
<b>Immunogen</b>	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,
<b>Applications</b>	Pep ELISA, WB  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 16000.
<b>Western Blot</b>	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.
<b>IHC</b>	
<b>Reference</b>	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 ender users! This product is sold for **Research Use Only**