

Goat anti-CIZ1 Antibody

Item Number	dAP-2909
Target Molecule	Principle Name: CIZ1; Official Symbol: CIZ1; All Names and Symbols: CIZ1; CDKN1A interacting zinc finger protein 1; LSFR1; NP94; ZNF356; CDKN1A-interacting zinc finger protein 1; cip1-interacting zinc finger protein; nuclear protein NP94; zinc finger protein 356; Accession Number (s): NP_036259.2; NP_001124487.1; NP_001124489.1; NP_001124490.1; NP_001244904.1; NP_001244905.1; Human Gene ID(s): 25792; Non-Human GeneID(s):
Immunogen	QPNTQDKTPSKVTAR, is from C Terminus This antibody is expected to recognize all reported isoforms (NP_036259.2; NP_001124487.1; NP_001124489.1; NP_001124490.1; NP_001244904.1; NP_001244905.1). Reported variants represent
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 90kDa band observed in nuclear lysates of cell line HeLa (calculated MW of 91.2kDa according to NP_001124490.1). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Xiao J, Uitti RJ, Zhao Y, Vemula SR, Perlmutter JS, Wszolek ZK, Maraganore DM, Auburger G, Leube B, Lehnhoff K, LeDoux MS. Mutations in CIZ1 cause adult onset primary cervical dystonia. Annals of neurology 2012 Apr 71 (4): 458-69..PMID: 22447717->

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**