

## Goat anti-NDFIP1 Antibody

Item Number	dAP-1457
Target Molecule	Principle Name: NDFIP1; Official Symbol: NDFIP1; All Names and Symbols: NDFIP1; Nedd4 family interacting protein 1; MGC10924; N4WBP5 ; Nedd4 WW domain-binding protein 5; Accession Number (s): NP_085048.1; Human Gene ID(s): 80762; Non-Human GeneID(s): 65113 (mouse) 291609 (rat)
Immunogen	YFDYKDESGFPKP, is from internal region
Applications	Pep ELISA Species Tested:
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 64000.
Western Blot	Western Blot: Preliminary experiments in Human Brain (Frontal Cortex) and Mouse and Rat Brain lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have an
IHC	
Reference	Reference(s): Oliver PM, Cao X, Worthen GS, Shi P, Briones N, MacLeod M, White J, Kirby P, Kappler J, Marrack P, Yang B. Ndfip1 protein promotes the function of itch ubiquitin ligase to prevent T cell activation and T helper 2 cell-mediated inflammation. <i>Immunity</i> . 2006 Dec;25(6):929-40. Epub 2006 Nov 30. PMID: 17133333

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**