

Goat anti-HIP2 Antibody

Item Number	dAP-0471
Target Molecule	Principle Name: HIP2; Official Symbol: UBE2K; All Names and Symbols: UBE2K; HIP2; huntingtin interacting protein 2; LIG; HYPG; ubiquitin-protein ligase; ubiquitin carrier protein; ubiquitin-conjugating enzyme E2-25 KDA; ubiquitin-conjugating enzyme E2K (UBC1 homolog, yeast); DKFZp564C1216; DKFZp686J24237; E2-25K;; Accession Number (s): NP_005330.1; NP_001104582.1; NP_001104583.1; Human Gene ID(s): 3093; Non-Human GeneID(s):
Immunogen	SWDVEATELLLSN, is from C Terminus This antibody is expected to recognise isoform 1 (NP_005330.1), isoform 2 (NP_001104582.1) and isoform 3 (NP_001104583.1).
Applications	Pep ELISA, WB, IHC 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 2000.
Western Blot	Western Blot: Approx 24kDa band observed in Jurkat cell lysates (calculated MW of 22.4 kDa according to NP_005330). Recommended for use at 1-3 µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Brain shows pixulate cytoplasm staining in neurons of the Cortex. Recommended concentration, 1-2µg/ml.
Reference	Reference(s): Kalchman MA, Graham RK, Xia G, Koide HB, Hodgson JG, Graham KC, Goldberg YP, Gietz RD, Pickart CM, Hayden MR. Huntingtin is ubiquitinated and interacts with a specific ubiquitin-conjugating enzyme. J Biol Chem. 1996 Aug 9;271(32):19385-94..PMID: 8702625 ->

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**