

## Goat anti-HIP2 Antibody

<b>Item Number</b>	dAP-0471
<b>Target Molecule</b>	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 GenelD(s):
<b>Immunogen</b>	SWDVETATELLLSN, 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).
<b>Applications</b>	Pep ELISA, WB, IHC  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 2000.
<b>Western Blot</b>	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.
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Brain shows pixulate cytoplasm staining in neurons of the Cortex. Recommended concentration, 1-2µg/ml.
<b>Reference</b>	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. <i>J Biol Chem.</i> 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 end users! This product is sold for **Research Use Only**