

Goat anti-HIF3A Antibody

Item Number	dAP-3063
Target Molecule	Principle Name: HIF3A; Official Symbol: HIF3A; All Names and Symbols: HIF3A; hypoxia inducible factor 3, alpha subunit; HIF-3A; HIF-3A2; HIF-3A4; IPAS; MOP7; PASD7; bHLHe17; hypoxia-inducible factor-3 alpha 4; inhibitory PAS domain protein; Accession Number (s): NP_690007.1; NP_690008.2; Human Gene ID(s): 64344; Non-Human GeneID(s): 53417 (mouse) 64345 (rat)
Immunogen	QDHRSTTELRKEKS, is from N Terminus This antibody is expected to recognize isoform a and c (NP_690007.1; NP_690008.2).
Applications	Pep ELISA, 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 128000.
Western Blot	
IHC	Immunohistochemistry: In paraffin embedded Human Kidney shows nuclear staining in some of the DCT. Recommended concentration, 4-6µg/ml.

Reference	Reference(s): Tanaka T, Wiesener M, Bernhardt W, Eckardt KU, Warnecke C, The human HIF (hypoxia-inducible factor)-3alpha gene is a HIF-1 target gene and may modulate hypoxic gene induction. The Biochemical journal 2009 Nov 424 (1): 143-51..PMID: 19694616->
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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**