



Anti-HIF1AN (full length) polyclonal antibody (DPAB-DC2424)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	HIF1AN (hypoxia inducible factor 1, alpha subunit inhibitor) is a protein-coding gene. Diseases associated with HIF1AN include hypoxia, and pancreatic endocrine tumor, and among its related super-pathways are Oxygen-dependent Proline Hydroxylation of Hypoxia-inducible Factor Alpha. GO annotations related to this gene include oxidoreductase activity, acting on single donors with incorporation of molecular oxygen, incorporation of two atoms of oxygen and protein homodimerization activity. An important paralog of this gene is TYW5.
Immunogen	HIF1AN (AAH07719.1, 1 a.a. ~ 349 a.a) full-length recombinant protein with GST tag. The sequence is MAATAAEAVASGSGEPREEAGALGPAWDESQLRSYSFPTRPIRLSQSDPRAEELIENEE PVVLTDTNLVYPALKWDLEYLQENIGNGDFSVYSASTHKFLYYDEKKMANFQNFKPRSNR EEMKFHEFVEKLQDIQQRGGEERLYLQQTLNDTVGRKIVMDFLGFNWNWINKQQGKRGWG QLTSNLLIGMEGNVTPAHYDEQQNFFAQIKGYKRCILFPPDQFECLYPYPVHHPCDRQS QVDFDNPDYERFPNFQNVVGYETVVGPGDVLYIPMYWWHHIESLLNGGITITVNFWKGA PTPKRIEYPLKAHQKVAIMRNIEKMLGEALGNPQEVGPLLNTMIKGRYN
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	HIF1AN hypoxia inducible factor 1, alpha subunit inhibitor [Homo sapiens (human)]
Official Symbol	HIF1AN
Synonyms	HIF1AN; hypoxia inducible factor 1, alpha subunit inhibitor; FIH1; hypoxia-inducible factor 1-alpha inhibitor; FIH-1; factor inhibiting HIF1; factor inhibiting HIF-1; peptide-aspartate beta-dioxygenase; hypoxia-inducible factor asparagine hydroxylase;
Entrez Gene ID	55662
Protein Refseq	NP_060372
UniProt ID	Q9NWT6
Chromosome Location	10q24
Pathway	Cellular response to hypoxia; HIF-2-alpha transcription factor network; Oxygen-dependent asparagine hydroxylation of Hypoxia-inducible Factor Alpha;
Function	NF-kappaB binding; Notch binding; ankyrin repeat binding; carboxylic acid binding