

Product datasheet for **TA345568**

HIF3 alpha (HIF3A) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-HIF3A antibody: synthetic peptide directed towards the C terminal of human HIF3A. Synthetic peptide located within the following region: PGSLQDPSTPLLNLNEPLGLGPSLLSPYSEDTTQPGGPFQPRAGSAQAD
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	72 kDa
Gene Name:	hypoxia inducible factor 3 alpha subunit
Database Link:	NP_690007 Entrez Gene 64344 Human Q9Y2N7



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Background:

HIF3A is the alpha-3 subunit of one of several alpha/beta-subunit heterodimeric transcription factors that regulate many adaptive responses to low oxygen tension (hypoxia). The alpha-3 subunit lacks the transactivation domain found in factors containing either the alpha-1 or alpha-2 subunits. It is thought that factors containing the alpha-3 subunit are negative regulators of hypoxia-inducible gene expression. The protein encoded by this gene is the alpha-3 subunit of one of several alpha/beta-subunit heterodimeric transcription factors that regulate many adaptive responses to low oxygen tension (hypoxia). The alpha-3 subunit lacks the transactivation domain found in factors containing either the alpha-1 or alpha-2 subunits. It is thought that factors containing the alpha-3 subunit are negative regulators of hypoxia-inducible gene expression. At least three transcript variants encoding three different isoforms have been found for this gene.

Synonyms:

bHLHe17; HIF-3A; HIF3-alpha-1; IPAS; MOP7; PASD7

Note:

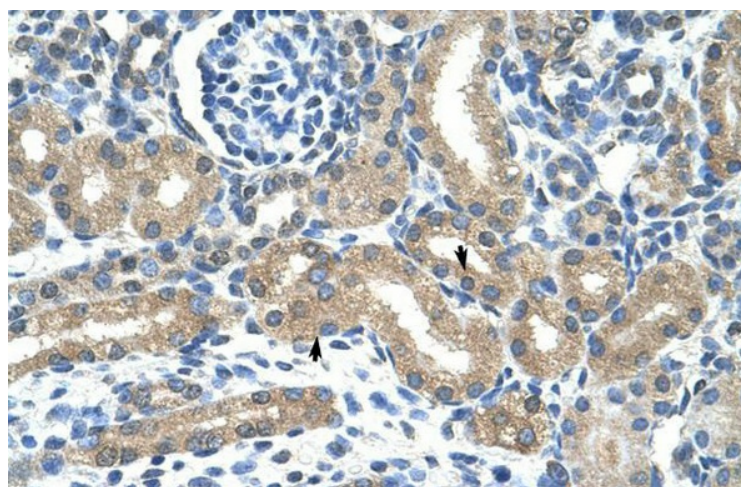
Immunogen Sequence Homology: Human: 100%

Protein Families:

Druggable Genome, Transcription Factors

Product images:

WB Suggested Anti-HIF3A Antibody Titration: 1.25 ug/ml; Positive Control: HepG2 cell lysate; There is BioGPS gene expression data showing that HIF3A is expressed in HepG2



Human kidney