

HIF1 beta Monoclonal Antibody | anti-HIF1beta antibody

HIF1 beta Rabbit mAb

CATALOG # AAA314531	HOST Recombinant Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

HIF1 beta; Monoclonal Antibody; HIF1 beta Rabbit mAb; HIF1B; TANGO; bHLHe2; HIF1BETA; HIF-1beta; HIF1-beta; HIF-1-beta; anti-HIF1beta antibody

PRODUCT SPECIFICATIONS

Host	Recombinant Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	S05-3B2
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-HIF1beta antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human HIF1 beta
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of HIF1 beta in paraffin-embedded Human lung cancer tissue using HIF1 beta Rabbit mAb at dilution 1/50



WB (Western Blot)

Western blot detection of HIF1 beta in HeLa, CHO-K1, C6, Ramos using HIF1 beta Rabbit mAb(1:1000 diluted)

ADDITIONAL INFORMATION

Related Product Information for anti-HIF1beta antibody	Required for activity of the Ah (dioxin) receptor. This protein is required for the ligand-binding subunit to translocate from the cytosol to the nucleus after ligand binding. The complex then initiates transcription of genes involved in the activation of PAH procarcinogens. The heterodimer binds to core DNA sequence 5'-TACGTG-3' within the hypoxia response element (HRE) of target gene promoters and functions as a transcriptional regulator of the adaptive response to hypoxia (By similarity).
Product Categories/Family for anti-HIF1beta antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	309747071
NCBI GeneID	405
NCBI Accession #	NP_001184254.1
NCBI GenBank Nucleotide #	NM_001197325.1
UniProt Accession #	P27540; Q5QP39; Q8NDC7; C4AMA1
Molecular Weight	86,636 Da
NCBI Official Full Name	aryl hydrocarbon receptor nuclear translocator isoform 4
NCBI Official Synonym Full Names	aryl hydrocarbon receptor nuclear translocator
NCBI Official Symbol	ARNT
NCBI Official Synonym Symbols	HIF1B; TANGO; bHLHe2; HIF1BETA; HIF-1beta; HIF1-beta; HIF-1-beta
NCBI Protein Information	aryl hydrocarbon receptor nuclear translocator; dioxin receptor, nuclear translocator; class E basic helix-loop-helix protein 2; hypoxia-inducible factor 1, beta subunit
UniProt Protein Name	Aryl hydrocarbon receptor nuclear translocator
UniProt Gene Name	ARNT
UniProt Synonym Gene Names	BHLHE2; ARNT protein; bHLHe2; HIF-1-beta; HIF1-beta
UniProt Entry Name	ARNT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/hif1-beta-antibody-clone-s05-3b2-immunohistochemistry-western-blot-elisa/314531>