

Product Data Sheet

Anti-HIF1 beta Antibody

Catalog #	Source	Reactivity	Applications
CPA9306	Rabbit	H, M, R	WB, IH
Description	Rabbit polyclonal to HIF1 beta		
Immunogen	Recombinant protein corresponding to human HIF1 beta.		
Purification	The antibody was purified by affinity chromatography.		
Specificity	Recognizes endogenous levels of HIF1 beta protein.		
Clonality	Polyclonal		
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/1000 - 1/2000), IH (1/200 - 1/500)		
Gene Symbol	ARNT		
Alternative Names	BHLHE2; Aryl hydrocarbon receptor nuclear translocator; ARNT protein; Class E basic helix-loop-helix protein 2; bHLHe2; Dioxin receptor nuclear translocator; Hypoxia-inducible factor 1-beta; HIF-1-beta; HIF1-beta		
Entrez Gene	405 (Human)		
SwissProt	P27540 (Human)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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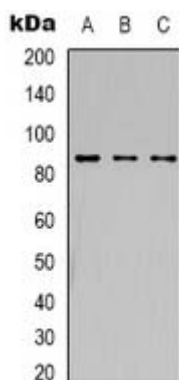
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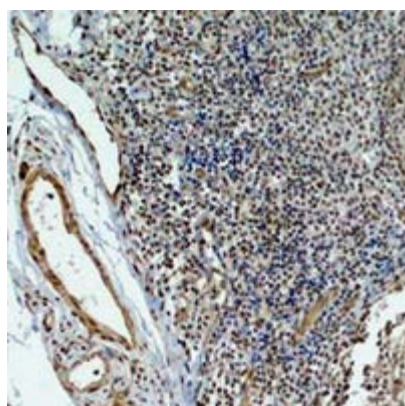
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Western blot analysis of HIF1 beta expression in MCF7 (A), NIH3T3 (B), rat brain (C) whole cell lysates.



Immunohistochemical analysis of HIF1 beta staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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