

HIF-1 β /ARNT Rabbit Polyclonal Antibody(F144)

Catalog	TDY336C	TDY336F
Quantity	50 μ L	100 μ L

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Free: 400-0620-621
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For research use only.

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB, IHC	R, M, (H)	87KD	IgG

Storage Buffer & Condition: PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.
Store at **-20°C. Do not aliquot the antibody.**

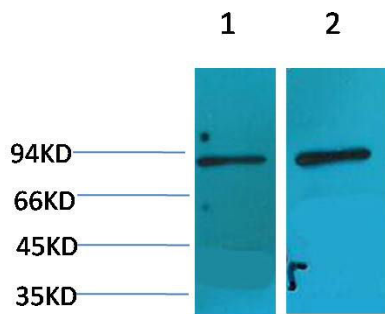
Recommended dilutions: WB: 1:1,000-2,000 IHC: 1:200-500

Optimal dilutions should be determined by the end user.

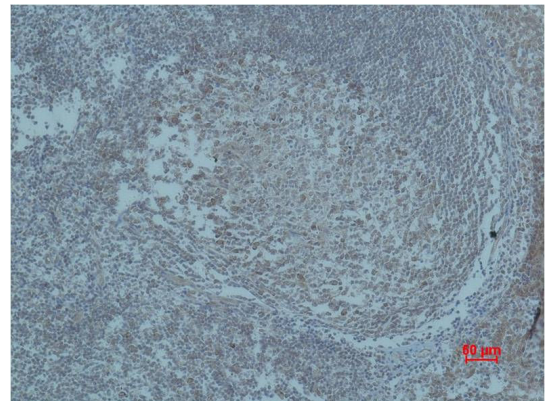
Specificity: Antibody can detect endogenous HIF-1 β protein.

Alternative Names: HIF 1 beta, ARNT, Tango, hypoxia inducible factor 1 beta, Nrnt, Dioxin receptor, bHLH2e

Background: Hypoxia-inducible factors (HIFs) are transcription factors that respond to changes in available oxygen in the cellular environment, to be specific, to *decreases* in oxygen, or hypoxia. This protein is required for the ligand-binding subunit to translocate from the cytosol to the nucleus after ligand binding.



Western blot analysis of 1) Mouse Brain, 2) Rat Brain, with HIF-1 β Rabbit pAb TDY336 diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded human Tonsil Tissue using HIF-1 β /ARNT (TDY336) Rabbit pAb diluted at 1:500.