

HIF-1 β /ARNT Mouse Monoclonal Antibody(4C5)

Catalog TDY559C TDY559F

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Quantity 50 μ L 100 μ L

Entrez-Gene ID#405 , Swiss-Prot Acc.#P27540

For research use only.

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB,IHC	M	~87KD	IgG1

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.**

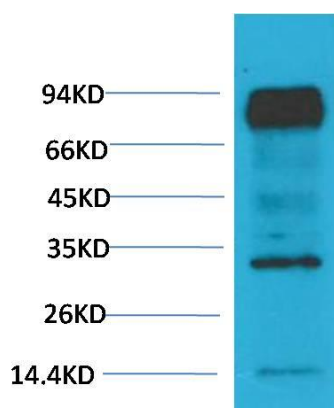
Recommended dilutions: WB: 1:1,000-2,000 IHC: 1:100-200

Optimal dilutions should be determined by the end user.

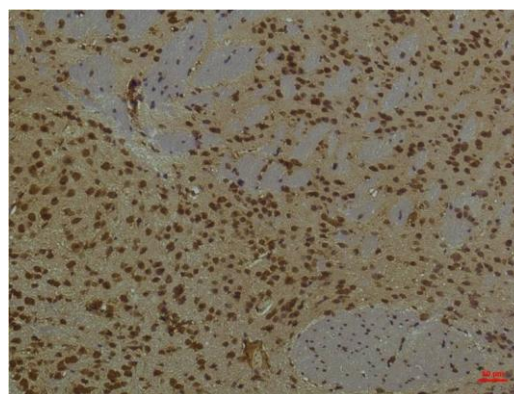
Specificity: Antibody can detects endogenous Human HIF-1 β /ARNT protein.

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 Mouse Brain Tissue with HIF-1 β /ARNT Mouse mAb TDY559 diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Mouse Brain Tissue using HIF-1 β /ARNT (TDY559) Mouse mAb diluted at 1:200.