

HIF-1 β ARNT Rabbit Polyclonal Antibody(F144)

Catalog No: RA20116

Basic Information

Host species	Rabbit
Applications	WB, IHC
Species Cross-Reactivity	R, M, H
Specificity	Antibody can detects endogenous HIF-1 β protein.
Recommended dilutions	WB: 1:1,000-2,000 IHC: 1:200-500 Optimal dilutions should be determined by the end user.

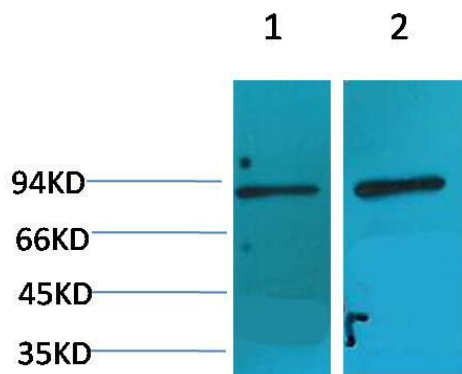
Applications

Formulation	PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Concentration	1 mg/ml
Clonality	Polyclonal

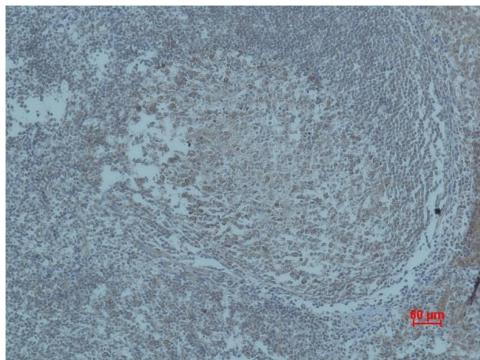
Background

Alternative Names	HIF 1 beta, ARNT, Tango, hypoxia inducible factor 1 beta, Nrnt, Dioxin receptor, bHLH2e
Observed band	87
Human Gene ID	405
Human Swiss-Prot Number	P27540
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.

Selected Validation Data



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



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