



ELK Biotechnology

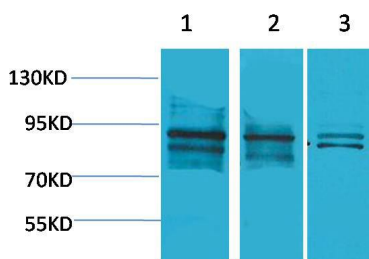
HIF-1 β /ARNT Rabbit pAb

Catalog NO.: EA167

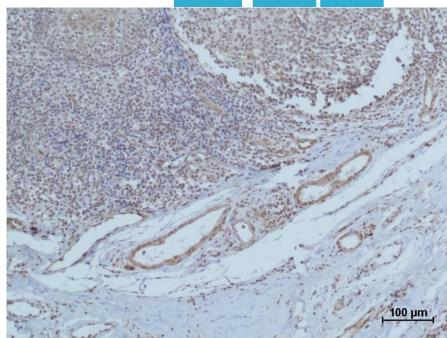
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Overview

Product name	HIF-1 β /ARNT Rabbit polyclonal antibody
Source	Rabbit
Applications	WB, IHC
Species reactivity	Human, Rat, Mouse
Recommended dilutions	WesternBlot:1/1000-2000 Immunohistochemistry:1/200-500 NOTE: Optimal dilutions should be determined by the end user.
Immunogen	Recombinant Protein
Species	Human
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20° C. Avoid repeated freeze-thaw cycles.
Isotype	IgG
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	87kDa
GeneID (Human)	405
Human Swiss-Prot No.	P27540
Cellular localization	Nucleus
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) MCF7, 2)3T3, 3)Rat Brain with HIF-1 β /ARNT Rabbit pAb EA167 diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded human Tonsil using HIF-1 β (EA167) Rabbit pAb diluted at 1:500.