



ELK Biotechnology

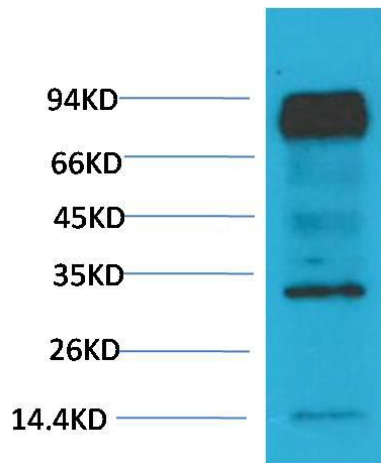
HIF-1 β /ARNT Mouse mAb

Catalog NO.: EM1242

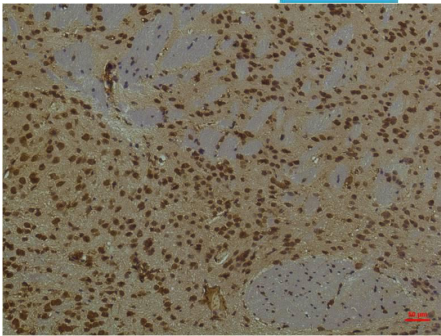
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Overview

Product name	HIF-1 β /ARNT Mouse Monoclonal antibody
Source	Mouse
Applications	WB IHC
Species reactivity	Mouse
Recommended dilutions	WesternBlot:1/1000-2000 Immunohistochemistry:1/100-200 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	IgG1
Clonality	Monoclonal
Concentration	1 mg/ml
Observed band	87kDa
GeneID (Human)	405
Human Swiss-Prot No.	P27540
Cellular localization	Nucleus
Alternative Names	HIF beta ARNT Tango hypoxia inducible factor beta Nrmt 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 EM1242 diluted at:2000.



Immunohistochemical analysis of paraffin-embedded Mouse Brain Tissue using HIF-1 β/ARNT (EM1242) Mouse mAb diluted at:200.