



ELK Biotechnology

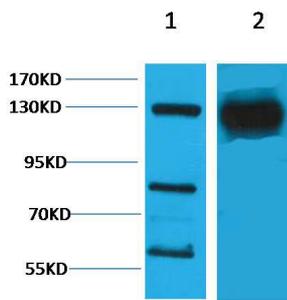
HIF-1 α Rabbit pAb

Catalog NO.: EA095

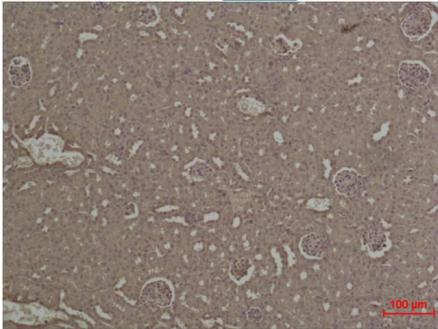
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Overview

Product name	HIF-1 α Rabbit polyclonal antibody
Source	Rabbit
Applications	WB, IHC
Species reactivity	Rat, Mouse
Recommended dilutions	WesternBlot:1/1000-2000 Immunohistochemistry:1/500-1000 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	120kDa
GeneID (Human)	3091
Human Swiss-Prot No.	Q16665
Cellular localization	Cytoplasm, Nucleus
Alternative Names	Hypoxia inducible factor 1 alpha, HIF1A, ARNT, MOP1, PAS domain-containing protein 8, PASD8
Background	Hypoxia-inducible factor 1-alpha, also known as HIF-1-alpha, is a protein that in humans is encoded by the HIF1A gene. HIF-1-alpha found in mammalian cells growing at low oxygen concentrations. It plays an essential role in cellular and systemic responses to hypoxia.



Western blot analysis of 1) Mouse Liver, 2) Rat Liver tissue with HIF-1 α Rabbit pAb EA095 diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Mouse Kidney Tissue using HIF-1 α (EA095) Rabbit pAb diluted at 1:500.