

HIF-1 α Rabbit Polyclonal Antibody

Catalog No: RA20055

Basic Information

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

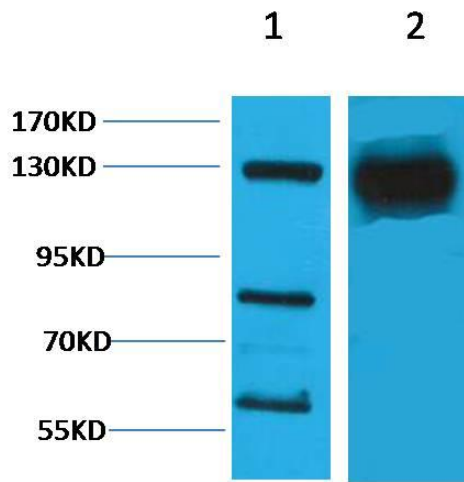
Applications

Formulation	Immunogen Affinity Purified Rabbit IgG, 1mg/ml in PBS pH7.4, 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

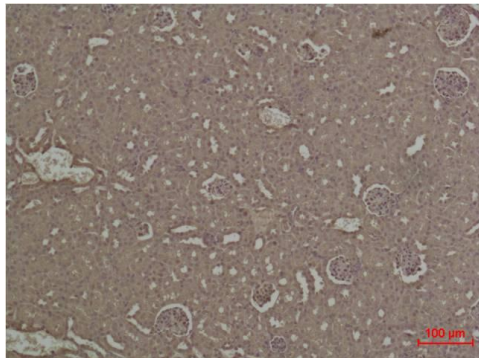
Background

Alternative Names	Hypoxia inducible factor 1 alpha, HIF1A, ARNT, MOP1, PAS domain-containing protein 8, PASD8
Observed band	120
Human Gene ID	3091
Human Swiss-Prot Number	Q16665
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.

Selected Validation Data



Western blot analysis of 1) Mouse Liver, 2) Rat Liver tissue with HIF-1 α Rabbit pAbTDY263 diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Mouse Kidney Tissue using HIF-1 α (TDY263) Rabbit pAb diluted at 1:500.