

HIF-1 α Rabbit Polyclonal Antibody

Catalog	TDY263C	TDY263F
Quantity	50 μ L	100 μ L

Tel: 010-82908854
Free: 400-0620-621
Web: www.tdybio.com

For research use only.

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB, IHC	R, M	120KD	IgG

Storage Buffer & Condition: Immunogen Affinity Purified Rabbit IgG, 1mg/ml in PBS pH7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.

Store at **-20°C**. **Do not aliquot the antibody.**

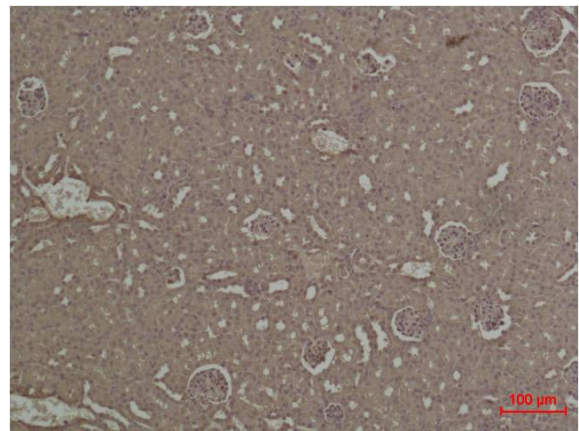
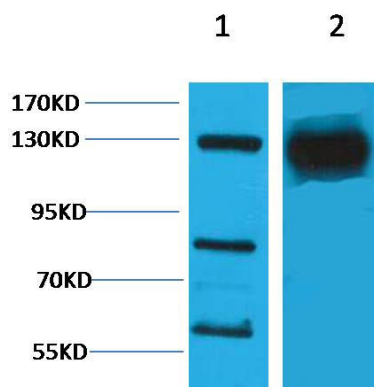
Recommended dilutions: WB: 1:1,000-2,000 IHC: 1:500-1,000

Optimal dilutions should be determined by the end user.

Specificity: The HIF-1 α Rabbit Polyclonal Antibody can detects endogenous HIF-1 α protein.

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 TDY263 diluted at 1:2,000.

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