

HIF-1 α Rabbit Polyclonal Antibody(F148)

Catalog TDY678C TDY678F

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Quantity 50 μ L 100 μ L

Entrez-Gene ID:3091 , Swiss-Prot Acc.Q16665

For research use only.

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

Storage Buffer & Condition: Antigen 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.**

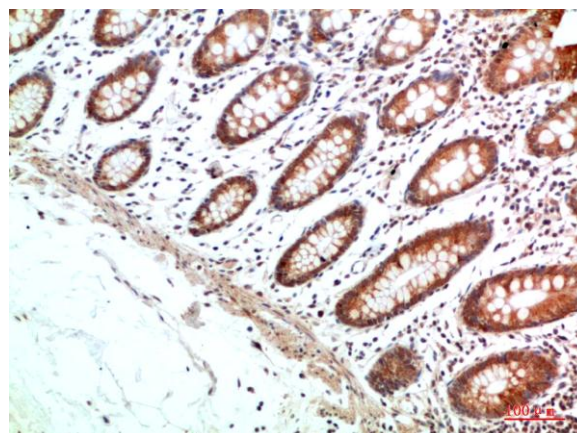
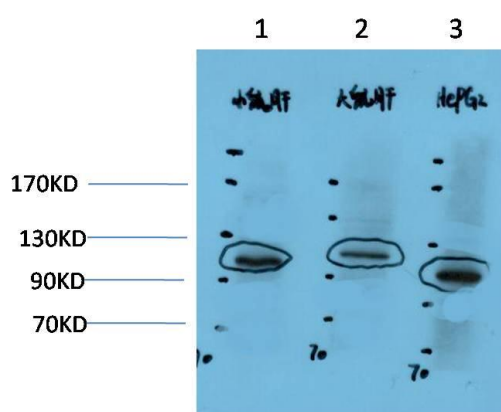
Recommended dilutions: WB: 1:500-1,000 IHC: 1:100-200

Optimal dilutions should be determined by the end user.

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

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 Tissue Lysate, 2) Rat Liver Tissue Lysate, 3) HepG2 Cell Lysate using HIF-1 α (TDY678) Rabbit pAb diluted at 1:1000.

Immunohistochemical analysis of paraffin-embedded Human Colon Carcinoma Tissue using HIF-1 α (TDY678) Rabbit pAb diluted at 1:200