

HIF-1 α Rabbit Polyclonal Antibody(F148)

Catalog No.: RA20281

Basic Information

Information

Reactivity	H,M,R
Immunogen	Recombinant Protein
Host	Rabbit
Isotype	IgG
Storage Buffer & Condition	1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol.
Observed MW	120KD

Applications

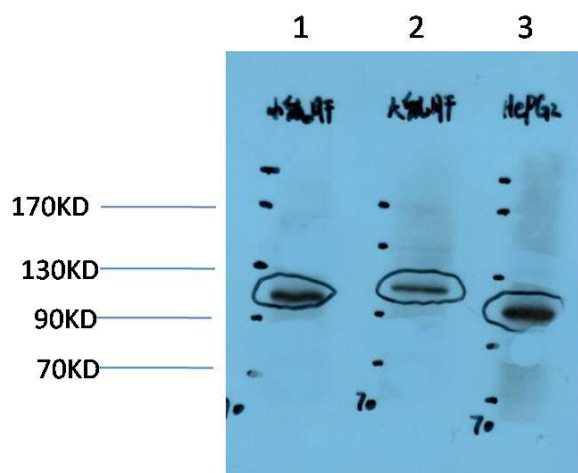
Recommended Dilution

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

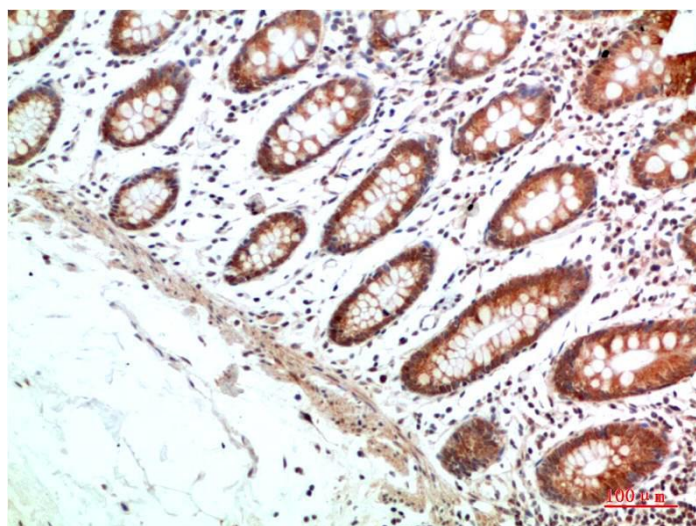
Preparation & Storage

Storage	Store at -20°C. Stable for one year from the date of shipment.
Shipping	Bule Ice

Experimental Data



Western blot analysis of 1)Mouse Liver Tissue Lysate, 2)Rat Liver Tissue Lysate, 3)HepG2 Cell Lysate using HIF-1 α Rabbit pAb diluted at 1:1000.



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

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 is found in mammalian cells growing at low oxygen concentrations. It plays an essential role in cellular and systemic responses to hypoxia.