



HGFA Polyclonal Antibody

Catalog No	YP-Ab-15984
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	HGFAC
Immunogen	Synthesized peptide derived from the C-terminal region of human HGFA.
Specificity	HGFA Polyclonal Antibody detects endogenous levels of HGFA protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	HGFA;HGFAC;Hepatocyte growth factor activator;HGF activator
Observed Band	70kD
Calculated Molecular Weight	70kD
Cell Pathway	Secreted. Secreted as an inactive single-chain precursor and is then activated to a heterodimeric form.
Tissue Specificity	Liver.
Function	caution:It is uncertain whether Met-1 is the initiator.,function:Activates hepatocyte growth factor (HGF) by converting it from a single chain to a heterodimeric form.,similarity:Belongs to the peptidase S1 family.,similarity:Contains 1 fibronectin type-I domain.,similarity:Contains 1 fibronectin type-II domain.,similarity:Contains 1 kringle domain.,similarity:Contains 1 peptidase S1 domain.,similarity:Contains 2 EGF-like domains.,subcellular location:Secreted as an inactive single-chain precursor and is then activated to a heterodimeric form.,subunit:Heterodimer of a short chain and a long chain linked by a disulfide bond.,tissue specificity:Liver.,



Background

This gene encodes a member of the peptidase S1 protein family. The encoded protein is first synthesized as an inactive single-chain precursor before being activated to a heterodimeric form by endoproteolytic processing. It acts as serine protease that converts hepatocyte growth factor to the active form. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014],

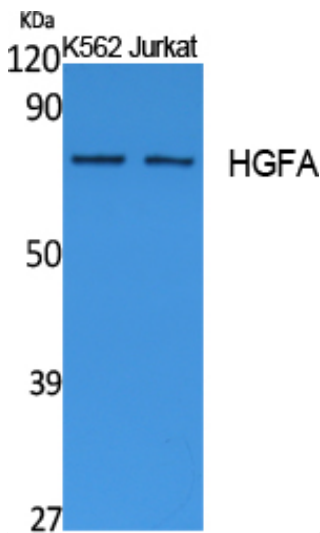
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of extracts from K562, Jurkat cells, using HGFA Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000