Immunoway
Best Tools for immunology Research

HGFA Polyclonal Antibody

Catalog No :	YT5070
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA
Target :	HGFA
Gene Name :	HGFAC
Protein Name :	Hepatocyte growth factor activator
Human Gene Id :	3083
Human Swiss Prot No :	Q04756
Mouse Gene Id :	54426
Mouse Swiss Prot No :	Q9R098
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
Dilution :	WB 1:500 - 1:2000. ELISA: 1:40000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 70kD

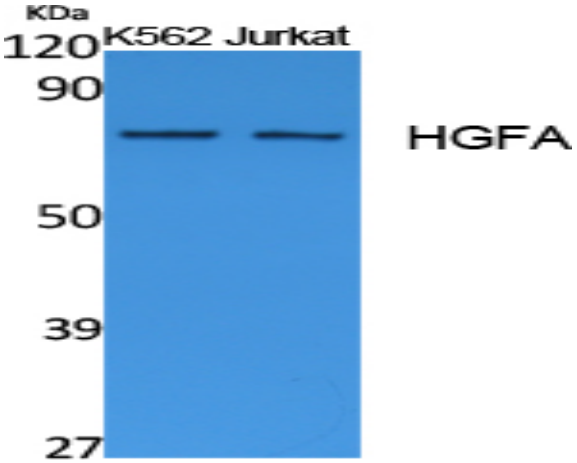
Background : This gene encodes a member of the peptidase S1 protein family. The encoded protein is first synthesized as an inactive single-chain precursor before being activated to a heterodimeric form by endoproteolytic processing. It acts as serine protease that converts hepatocyte growth factor to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

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.,

Subcellular Location : Secreted. Secreted as an inactive single-chain precursor and is then activated to a heterodimeric form.

Expression : Liver.

Products Images



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