

Datasheet for ABIN7430570
anti-HGF antibody (AA 306-471)



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3 Images

Overview

Quantity:	100 µL
Target:	HGF
Binding Specificity:	AA 306-471
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HGF antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Hepatocyte Growth Factor (HGF)
Immunogen:	Recombinant Hepatocyte Growth Factor (HGF) corresponding to Cys306~Glu471 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against HGF. It has been selected for its ability to recognize HGF in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

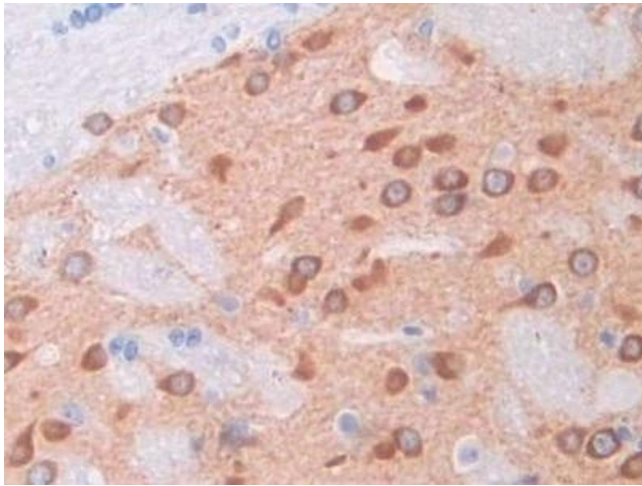
Target:	HGF
Alternative Name:	Hepatocyte Growth Factor (HGF Products)
Background:	HGF, F-TCF, HGFB, HPTA, SF, Scatter Factor, Hepapoinetin A, Fibroblast-Derived Tumor Cytotoxic Factor, Lung Fibroblast-Derived Mitogen
Pathways:	RTK Signaling , Carbohydrate Homeostasis , Glycosaminoglycan Metabolic Process , Synaptic Membrane , Signaling of Hepatocyte Growth Factor Receptor

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

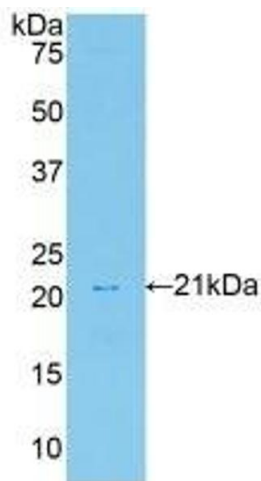
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



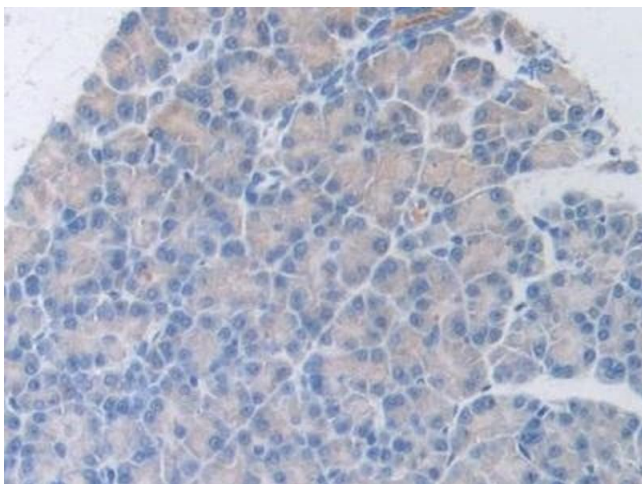
Immunohistochemistry

Image 1. Detection of HGF in Rat Cerebrum Tissue using Polyclonal Antibody to Hepatocyte Growth Factor (HGF)



Western Blotting

Image 2. Detection of Recombinant HGF, Rat using Polyclonal Antibody to Hepatocyte Growth Factor (HGF)



Immunohistochemistry

Image 3. Detection of HGF in Rat Pancreas Tissue using Polyclonal Antibody to Hepatocyte Growth Factor (HGF)