Datasheet for ABIN516424

anti-HGF antibody (AA 1-728)

5 Images | 1 Publication

Go to Product page

Overview

Quantity:	100 µg
Target:	HGF
Binding Specificity:	AA 1-728
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HGF antibody is un-conjugated
Application:	Western Blotting (WB), Proximity Ligation Assay (PLA)

Product Details

Purpose:	Rabbit polyclonal antibody raised against a full-length human HGF protein.
Immunogen:	HGF (NP_000592.3, 1 a.a. ~ 728 a.a) full-length human protein.
Sequence:	MWVTKLLPAL LLQHVLLHLL LLPIAIPYAE GQRKRRNTIH EFKKSAKTTL IKIDPALKIK TKKVNTADQC ANRCTRNKGL PFTCKAFVFD KARKQCLWFP FNSMSSGVKK EFGHEFDLYE NKDYIRNCII GKGRSYKGTV SITKSGIKCQ PWSSMIPHEH SFLPSSYRGK DLQENYCRNP RGEEGGPWCF TSNPEVRYEV CDIPQCSEVE CMTCNGESYR GLMDHTESGK ICQRWDHQTP HRHKFLPERY PDKGFDDNYC RNPDGQPRPW CYTLDPHTRW EYCAIKTCAD NTMNDTDVPL ETTECIQGQG EGYRGTVNTI WNGIPCQRWD SQYPHEHDMT PENFKCKDLR ENYCRNPDGS ESPWCFTTDP NIRVGYCSQI PNCDMSHGQD CYRGNGKNYM GNLSQTRSGL TCSMWDKNME DLHRHIFWEP DASKLNENYC RNPDDDAHGP WCYTGNPLIP WDYCPISRCE GDTTPTIVNL DHPVISCAKT KQLRVVNGIP TRTNIGWMVS LRYRNKHICG GSLIKESWVL TARQCFPSRD LKDYEAWLGI HDVHGRGDEK CKQVLNVSQL VYGPEGSDLV LMKLARPAVL DDFVSTIDLP

Copyright antibodies-online. All rights reserved.

Product Details

	NYGCTIPEKT SCSVYGWGYT GLINYDGLLR VAHLYIMGNE KCSQHHRGKV TLNESEICAG AEKIGSGPCE GDYGGPLVCE QHKMRMVLGV IVPGRGCAIP NRPGIFVRVA YYAKWIHKII LTYKVPQS
Cross-Reactivity:	Human, Mouse
Characteristics:	Antibody reactive against mammalian transfected lysate.

Target Details

Target:	HGF
Alternative Name:	HGF (HGF Products)
Background:	Full Gene Name: hepatocyte growth factor (hepapoietin A, scatter factor) Synonyms: F-TCF,HGFB,HPTA,SF
Gene ID:	3082
NCBI Accession:	NM_000601
Pathways:	RTK Signaling, Carbohydrate Homeostasis, Glycosaminoglycan Metabolic Process, Synaptic Membrane, Signaling of Hepatocyte Growth Factor Receptor

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

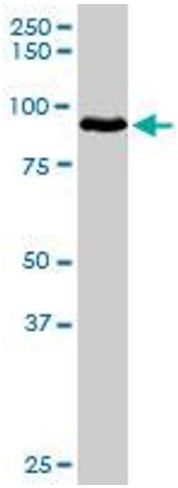
Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

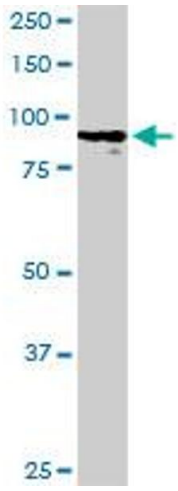
Product cited in:	Ogunwobi, Liu: "Hepatocyte growth factor upregulation promotes carcinogenesis and epithelial-mesenchymal transition in hepatocellular carcinoma via Akt and COX-2 pathways." in: **Clinical & experimental metastasis**, Vol. 28, Issue 8, pp. 721-31, (2011) (PubMed).

Images



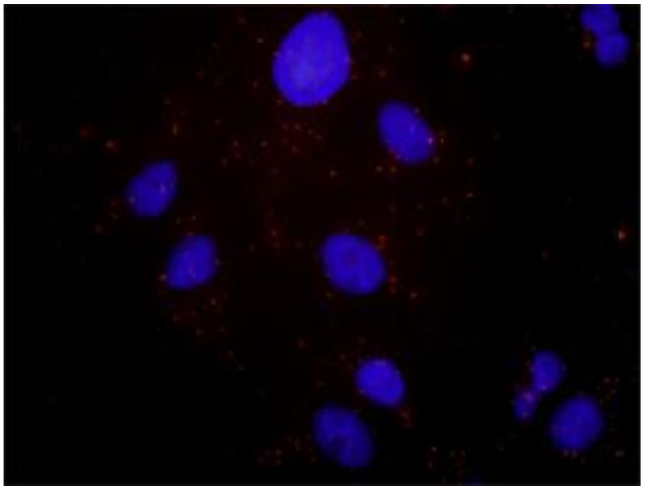
Western Blotting

Image 1. HGF MaxPab rabbit polyclonal antibody. Western Blot analysis of HGF expression in Raw 264.7.



Western Blotting

Image 2. HGF MaxPab rabbit polyclonal antibody. Western Blot analysis of HGF expression in mouse testis.



Proximity Ligation Assay

Image 3. Proximity Ligation Analysis of protein-protein interactions between HGF and MET. Mahlavu cells were stained with anti-HGF rabbit purified polyclonal 1:1200 and anti-MET mouse purified polyclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Please check the product details page for more images. Overall 5 images are available for ABIN516424.