

Datasheet for ABIN2788731

anti-HSP90AA1 antibody (C-Term)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µL
Target:	HSP90AA1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Guinea Pig, Sheep, Dog, Horse, Goat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSP90AA1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	ILKVIRKNLV KKCLELFTel AEDKENYKKF YEQFSKNIKl GIHEDSQNRK
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 100%
Characteristics:	This is a rabbit polyclonal antibody against Hsp90aa1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	HSP90AA1
Alternative Name:	Hsp90aa1 (HSP90AA1 Products)
Background:	Hsp90aa1 is a molecular chaperone that promotes the maturation, structural maintenance and

Target Details

proper regulation of specific target proteins involved for instance in cell cycle control and signal transduction. Hsp90aa1 undergoes a functional cycle that is linked to its ATPase activity. This cycle probably induces conformational changes in the client proteins, thereby causing their activation. Hsp90aa1 interacts dynamically with various co-chaperones that modulate its substrate recognition, ATPase cycle and chaperone function.

Alias Symbols: 86 kDa, 89 kDa, AL024080, AL024147, Hsp86-1, Hsp89, Hsp90, Hspca, hsp4
Protein Interaction Partner: Isg15, Akt1, Eed, Cdk4, Lrrk2, DSK2, E130012A19Rik, Fbxo32, Iqcb1, Nphp4, Chordc1, Nphp1, Ahi1, Itgb1bp2, Krt8, Nod1, Ubc, Cdc37, Traf6, Slc34a1, Slc17a1, Fkbp1,
Protein Size: 733

Molecular Weight:	85 kDa
Gene ID:	15519
NCBI Accession:	NM_010480 , NP_034610
UniProt:	P07901
Pathways:	M Phase , Regulation of Cell Size , Signaling Events mediated by VEGFR1 and VEGFR2 , VEGFR1 Specific Signals

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 733 AA
Restrictions:	For Research Use only

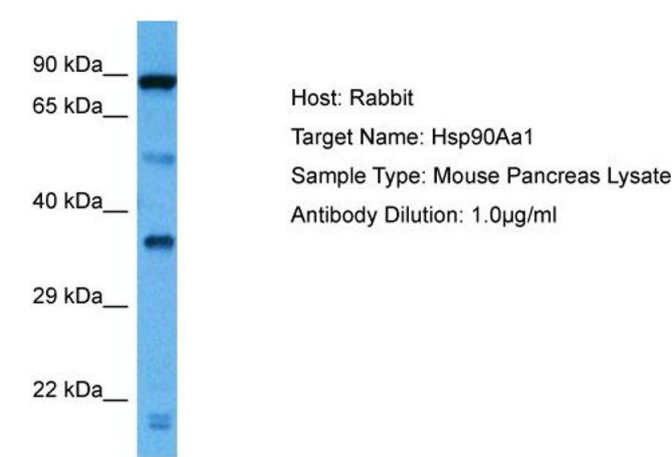
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

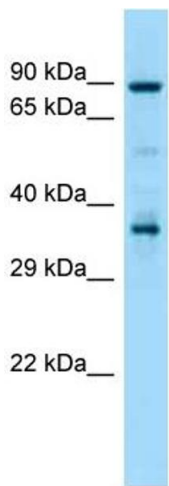
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. Host: Rabbit Target Name: HSP90AA1 Sample Tissue: Mouse Pancreas Antibody Dilution: 1 ug/ml



Western Blotting

Image 2. WB Suggested Anti-Hsp90aa1 Antibody Titration: 1.0 ug/ml Positive Control: Mouse Thymus