

Datasheet for ABIN2786049
anti-FAM120A antibody (Middle Region)

2 Images

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Overview

Quantity:	100 µL
Target:	FAM120A
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Dog, Horse, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FAM120A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human FAM120A
Sequence:	SGGATNHISG NKIGWEKTGS HSEPQARGDP GDQTKAEGSS TASSGSQLA E
Predicted Reactivity:	Cow: 100%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 85%, Pig: 100%, Rabbit: 92%, Rat: 85%
Characteristics:	This is a rabbit polyclonal antibody against FAM120A. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	FAM120A
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Target Details

Alternative Name:	FAM120A (FAM120A Products)
Background:	<p>FAM120A may participate in mRNA transport in the cytoplasm. FAM120A is the critical component of the oxidative stress-induced survival signaling. It activates src family kinases and acts as a scaffolding protein enabling src family kinases to phosphorylate and activate PI3-kinase. FAM120A binds RNA and promotes the secretion of IGF-II. It may play a pivotal role in the progression of scirrhou-type gastric cancer by supporting cancer cell survival in environments with various oxidative stresses.</p> <p>Alias Symbols: C9orf10, DNAPTP1, DNAPTP5, MGC111527, MGC133257, OSSA</p> <p>Protein Interaction Partner: SPRTN, CEP250, SUMO2, STAU1, UBC, PASK, SUMO1, NEDD8, RNF2, EZH2, BMI1, HECW2, TARDBP, CFTR, GRK5, CAND1, CUL3, SIRT7, Ybx1,</p> <p>Protein Size: 1118</p>
Molecular Weight:	122 kDa
Gene ID:	23196
NCBI Accession:	NM_014612 , NP_055427
UniProt:	Q9NZB2

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1118 AA
Restrictions:	For Research Use only

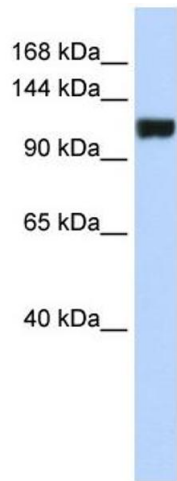
Handling

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

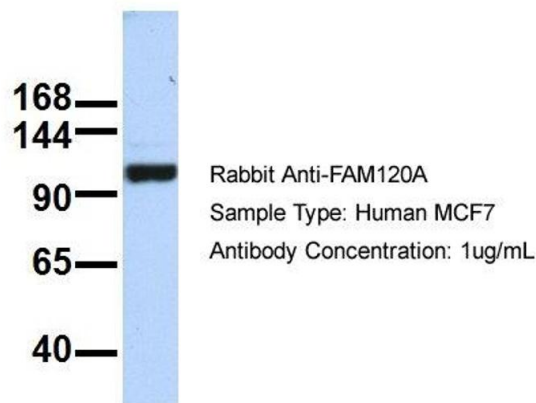
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting				
Image 1.	WB	Suggested	Anti-FAM120A	Antibody
Titration: 0.2-1 ug/ml				
ELISA Titer: 1:312500				
Positive Control: MCF7 cell lysate				

FAM120A



Western Blotting	
Image 2.	Host: Rabbit
Target Name: FAM120A	
Sample Tissue: MCF7	
Antibody Dilution: 1.0 µg/mL FAM120A is strongly supported by BioGPS gene expression data to be expressed in MCF7	