antibodies -online.com







anti-Ensa antibody (N-Term)

Images



Overview

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

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human ENSA
Sequence:	MAGGLGCDVC YWFVEDTQEK EGILPERAEE AKLKAKYPSL GQKPGGSDFL
Predicted Reactivity:	Cow: 92%, Dog: 92%, Horse: 92%, Human: 100%, Mouse: 92%, Pig: 92%, Rabbit: 92%, Rat: 92%
Characteristics:	This is a rabbit polyclonal antibody against ENSA. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	Ensa (ENSA)
Alternative Name:	ENSA (ENSA Products)

Target Details

Background:	The protein encoded by this gene belongs to a highly conserved cAMP-regulated
	phosphoprotein (ARPP) family. This protein was identified as an endogenous ligand for the
	sulfonylurea receptor, ABCC8/SUR1. ABCC8 is the regulatory subunit of the ATP-sensitive
	potassium (KATP) channel, which is located on the plasma membrane of pancreatic beta cells
	and plays a key role in the control of insulin release from pancreatic beta cells. This protein is
	thought to be an endogenous regulator of KATP channels. In vitro studies have demonstrated
	that this protein modulates insulin secretion through the interaction with KATP channel, and
	this gene has been proposed as a candidate gene for type 2 diabetes. At least eight alternatively
	spliced transcript variants encoding distinct isoforms have been observed.
	Alias Symbols: MGC4319, MGC78563, MGC8394, ARPP-19e
	Protein Interaction Partner: UBC, SNCA, PSEN1, ACD, POT1, RAP2A, RIM15, KCTD15, ARIH2,
	ABCC8, ENO2, MCM3,
	Protein Size: 113
Molecular Weight:	12 kDa
Gene ID:	2029
NCBI Accession:	NM_207047, NP_996930
UniProt:	043768
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 113 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 %

should be handled by trained staff only.

This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

sucrose.

Sodium azide

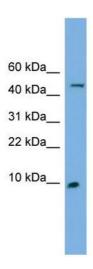
Preservative:

Precaution of Use:

Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.
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



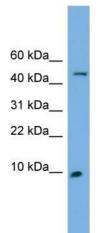
Western Blotting

Image 1. WB Suggested Anti-ENSA Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: Human kidney



Rabbit Anti-ENSA Antibody Catalog Number: ARP53514 Lot Number: QC28765 Lane: Fetal Kidney Lysate

Antibody Titration: 1.0µg/ml Gel Concentration: 10-20%

Western Blotting

Image 2. WB Suggested Anti-ENSA

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:.12500

Positive Control: Human kidney