

Datasheet for ABIN633083
anti-Ensa antibody (N-Term)



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1 Image

Overview

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

Product Details

Immunogen:	ENSA antibody was raised using the N terminal of ENSA corresponding to a region with amino acids MAGGLGCDVCYWFVEDTQEKEGILPERAEEAKLKAKYPSLGQKPGGSDFL
Specificity:	ENSA antibody was raised against the N terminal of ENSA
Purification:	Affinity purified

Target Details

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

Target Details

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.

Molecular Weight: 12 kDa (MW of target protein)

Application Details

Application Notes: WB: 1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: ENSA Blocking Peptide, catalog no. 33R-5662, is also available for use as a blocking control in assays to test for specificity of this ENSA antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of ENSA antibody in PBS

Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. ENSA antibody used at 1 ug/ml to detect target protein.