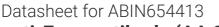
# antibodies - online.com







## anti-Ensa antibody (AA 39-66)



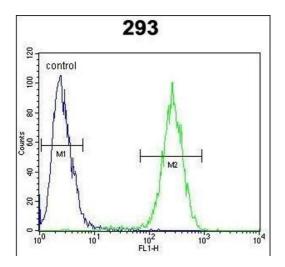


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Overview		
Quantity:	400 μL	
Target:	Ensa (ENSA)	
Binding Specificity:	AA 39-66	
Reactivity:	Human, Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This Ensa antibody is un-conjugated	
Application:	Western Blotting (WB), Flow Cytometry (FACS)	
Product Details		
Immunogen:	This ENSA antibody is generated from rabbits immunized with a KLH conjugated synthetic	
	peptide between 39-66 amino acids from the Central region of human ENSA.	
Clone:	RB19622	
Isotype:	Ig Fraction	
Predicted Reactivity:	B, C, Zf, Pig, Rat, X	
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.	
Target Details		
Target:	Ensa (ENSA)	
Alternative Name:	ENSA (ENSA Products)	

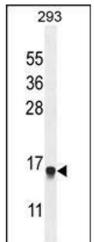
### **Target Details**

Background:	ENSA 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.	
Molecular Weight:	13389	
Gene ID:	2029	
NCBI Accession:	NP_004427, NP_996925, NP_996926, NP_996927, NP_996928, NP_996929, NP_996930,	
	NP_997051	
UniProt:	043768	
Application Details		
Application Notes:	WB: 1:1000. WB: 1:1000. FC: 1:10~50	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which	
	should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small	
	aliquots to prevent freeze-thaw cycles.	
Expiry Date:	6 months	



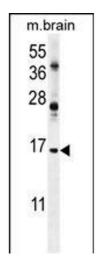
#### **Flow Cytometry**

**Image 1.** ENSA Antibody (Center) (ABIN654413 and ABIN2844151) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



#### **Western Blotting**

**Image 2.** ENSA Antibody (Center) (ABIN654413 and ABIN2844151) western blot analysis in 293 cell line lysates (35  $\mu$ g/lane). This demonstrates the ENSA antibody detected the ENSA protein (arrow).



#### **Western Blotting**

**Image 3.** ENSA Antibody (Center) (ABIN654413 and ABIN2844151) western blot analysis in mouse brain tissue lysates (35  $\mu$ g/lane). This demonstrates the ENSA antibody detected the ENSA protein (arrow).