

## ENSA Antibody (Center)

Catalog_no :	AB0776
Applications :	WB, FC
Reactivity :	H, M
Category :	抗原抗体
Size :	100 $\mu$ L/50 $\mu$ L
Immunogen :	HUMAN:39-66
Specificity :	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.
Dilution :	WB,1:1000;WB,1:1000;FC,1:10~50;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Other_name :	Alpha-endosulfine, ARPP-19e, ENSA
Isotype :	Rabbit Ig
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.
reference :	Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) ; Olsen, J.V., et al. Cell 127(3):635-648(2006) Olsen, J.V., et al. Cell 127(3):635-648(2006) Gabrielsson, B.G., et al. Mol. Cell. Biochem. 258 (1-2), 65-71 (2004) ; Thameem, F., et al. Mol. Genet. Me