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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP53514_P050-Biotin
Product Page	www.avivasysbio.com/ensa-antibody-n-terminal-region-biotin-arp53514-p050-biotin.html
Name	ENSA Antibody - N-terminal region : Biotin (ARP53514_P050-Biotin)
Protein Size (# AA)	113 amino acids
Molecular Weight	12
Conjugation	Biotin
NCBI Gene Id	2029
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Endosulfine alpha
Alias Symbols	ARPP-19e
Peptide Sequence	Synthetic peptide located within the following region: MAGGLGCDVCYWFVEDTQKEGILPERAEFAKLKAKYPSLGQKPGGSDFL
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	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.
Protein Interactions	UBC; SNCA; PSEN1; ACD; POT1; RAP2A; RIM15; KCTD15; ARIH2; ABCC8; ENO2; MCM3;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-ENSA (ARP53514_P050-Biotin) antibody
Blocking Peptide	For anti-ENSA (ARP53514_P050-Biotin) antibody is Catalog # AAP53514 (Previous Catalog # AAPP42320)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human ENSA
Uniprot ID	O43768
Protein Name	Alpha-endosulfine
Protein Accession #	NP_996930
Purification	Affinity Purified
Nucleotide Accession #	NM_207047
Gene Symbol	ENSA
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Horse, Pig, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 92%; Dog: 92%; Horse: 92%; Human: 100%; Mouse: 92%; Pig: 92%; Rabbit: 92%; Rat: 92%

Image 1



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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