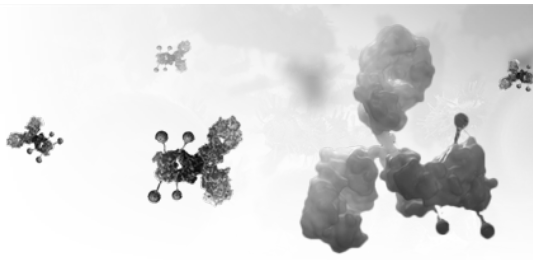

Human SNAP23 blocking peptide (CDBP2744)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-SNAP23 antibody
Antigen Description	Specificity of vesicular transport is regulated, in part, by the interaction of a vesicle-associated membrane protein termed synaptobrevin/VAMP with a target compartment membrane protein termed syntaxin. These proteins, together with SNAP25 (synaptosome-associated protein of 25 kDa), form a complex which serves as a binding site for the general membrane fusion machinery. Synaptobrevin/VAMP and syntaxin are believed to be involved in vesicular transport in most, if not all cells, while SNAP25 is present almost exclusively in the brain, suggesting that a ubiquitously expressed homolog of SNAP25 exists to facilitate transport vesicle/target membrane fusion in other tissues. The protein encoded by this gene is structurally and functionally similar to SNAP25 and binds tightly to multiple syntaxins and synaptobrevins/VAMPs. It is an essential component of the high affinity receptor for the general membrane fusion machinery and is an important regulator of transport vesicle docking and fusion. Two alternative transcript variants encoding different protein isoforms have been described for this gene. [provided by RefSeq, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Gene Name	SNAP23 synaptosomal-associated protein, 23kDa [Homo sapiens]
Official Symbol	SNAP23
Synonyms	SNAP23; synaptosomal-associated protein, 23kDa; synaptosomal associated protein, 23kD; synaptosomal-associated protein 23; HsT17016; SNAP23A; SNAP23B; vesicle-membrane fusion protein SNAP-23; SNAP-23;
Entrez Gene ID	8773
mRNA Refseq	NM_003825
Protein Refseq	NP_003816
UniProt ID	O00161
Chromosome Location	15q14
Pathway	Clathrin derived vesicle budding, organism-specific biosystem; Insulin Signaling, organism-specific biosystem; Membrane Trafficking, organism-specific biosystem; SNARE interactions in vesicular transport, organism-specific biosystem; SNARE interactions in vesicular transport, conserved biosystem; trans-Golgi Network Vesicle Budding, organism-specific biosystem;
Function	protein binding;

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221