



Human ABCA2 blocking peptide (CDBP0256)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-ABCA2 antibody
Antigen Description	The membrane-associated protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intracellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the ABC1 subfamily. Members of the ABC1 subfamily comprise the only major ABC subfamily found exclusively in multicellular eukaryotes. This protein is highly expressed in brain tissue and may play a role in macrophage lipid metabolism and neural development. Two transcript variants encoding different isoforms have been found for this gene.
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

Gene Name	ABCA2 ATP-binding cassette, sub-family A (ABC1), member 2 [Homo sapiens]
Official Symbol	ABCA2

Synonyms	ABCA2; ATP-binding cassette, sub-family A (ABC1), member 2; ABC2; ATP-binding cassette sub-family A member 2; ATP-binding cassette 2; ATP-binding cassette transporter 2; ATP-binding cassette, sub-family A, member 2; MGC129761;
Entrez Gene ID	20
mRNA Refseq	NM_001606
Protein Refseq	NP_001597
UniProt ID	Q9BZC7
Chromosome Location	9q34
Pathway	ABC transporters, organism-specific biosystem; ABC transporters, conserved biosystem; ABC-family proteins mediated transport, organism-specific biosystem; ABCA transporters in lipid homeostasis, organism-specific biosystem; Lysosome, organism-specific biosystem; Lysosome, conserved biosystem; Transmembrane transport of small molecules, organism-specific biosystem;
Function	ATP binding; ATP binding; ATP binding; ATPase activity; ATPase activity, coupled to transmembrane movement of substances; nucleotide binding;