



# Human ABHD12 blocking peptide (CDBP0276)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Blocking/Immunizing peptide for anti-ABHD12 antibody
<b>Antigen Description</b>	This gene encodes an enzyme that catalyzes the hydrolysis of 2-arachidonoyl glycerol (2-AG), the main endocannabinoid lipid transmitter that acts on cannabinoid receptors, CB1 and CB2. The endocannabinoid system is involved in a wide range of physiological processes, including neurotransmission, mood, appetite, pain appreciation, addiction behavior, and inflammation. Mutations in this gene are associated with the neurodegenerative disease, PHARC (polyneuropathy, hearing loss, ataxia, retinitis pigmentosa, and cataract), resulting from an inborn error of endocannabinoid metabolism. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Apuri, BL, ELISA
<b>Format</b>	Lyophilized powder
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	Shipped at ambient temperature, store at -20°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">ABHD12 abhydrolase domain containing 12 [ Homo sapiens ]</a>
<b>Official Symbol</b>	ABHD12

<b>Synonyms</b>	ABHD12; abhydrolase domain containing 12; C20orf22, chromosome 20 open reading frame 22; monoacylglycerol lipase ABHD12; ABHD12A; BEM46L2; dJ965G21.2; DKFZP434P106; 2-arachidonoylglycerol hydrolase; abhydrolase domain-containing protein 12; PHARC; C20orf22; DKFZp434P106;
<b>Entrez Gene ID</b>	<a href="#">26090</a>
<b>mRNA Refseq</b>	<a href="#">NM_001042472</a>
<b>Protein Refseq</b>	<a href="#">NP_001035937</a>
<b>UniProt ID</b>	Q8N2K0
<b>Chromosome Location</b>	20p11.21
<b>Pathway</b>	triacylglycerol degradation, organism-specific biosystem;
<b>Function</b>	acylglycerol lipase activity; hydrolase activity;