



## Human ARSD blocking peptide (CDBP0502)

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-Arylsulfatase D antibody
<b>Antigen Description</b>	The protein encoded by this gene is a member of the sulfatase family. Sulfatases are essential for the correct composition of bone and cartilage matrix. The encoded protein is posttranslationally glycosylated and localized to the lysosome. This gene is located within a cluster of similar arylsulfatase genes on chromosome X. A related pseudogene has been identified in the pseudoautosomal region of chromosome Y. [provided by RefSeq, Jul 2011]
<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="#">ARSD arylsulfatase D [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	ARSD
<b>Synonyms</b>	ARSD; arylsulfatase D; ASD;
<b>Entrez Gene ID</b>	<a href="#">414</a>

---

<b>mRNA Refseq</b>	<a href="#">NM_001669.3</a>
<b>Protein Refseq</b>	<a href="#">NP_001660.2</a>
<b>UniProt ID</b>	P51689
<b>Chromosome Location</b>	Xp22.3
<b>Pathway</b>	Estrogen metabolism, organism-specific biosystem; Glycosphingolipid metabolism, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; PTM: gamma carboxylation, hypusine formation and arylsulfatase activation, organism-specific biosystem; Post-translational protein modification, organism-specific biosystem; Sphingolipid metabolism, organism-specific biosystem; T
<b>Function</b>	arylsulfatase activity; metal ion binding;

---