



# Anti-ARSE (aa 490-589) polyclonal antibody (DPAB-DC1896)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	Arylsulfatase E is a member of the sulfatase family. It is glycosylated postranslationally and localized to the golgi apparatus. Sulfatases are essential for the correct composition of bone and cartilage matrix. X-linked chondrodysplasia punctata, a disease characterized by abnormalities in cartilage and bone development, has been linked to mutations in this gene. Alternative splicing results in multiple transcript variants. A pseudogene related to this gene is located on the Y chromosome.
<b>Immunogen</b>	ARSE (NP_000038, 490 a.a. ~ 589 a.a) partial recombinant protein with GST tag. The sequence is GACYGRKVCPCFGEKVVHDPPLLFDLSRDPSETHILTPASEPVFYQVMERVQQAVWEHQ RTLSPVPLQLDRLGNIWRPWLQPCCGPFPLCWCLREDDPQ
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">ARSE arylsulfatase E (chondrodysplasia punctata 1) [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	ARSE
<b>Synonyms</b>	ARSE; arylsulfatase E (chondrodysplasia punctata 1); ASE; CDPX; CDPX1; CDPXR; arylsulfatase E;
<b>Entrez Gene ID</b>	<a href="#">415</a>
<b>Protein Refseq</b>	<a href="#">NP_000038</a>
<b>UniProt ID</b>	<a href="#">P51690</a>
<b>Chromosome Location</b>	Xp22.3
<b>Pathway</b>	Estrogen metabolism; Metabolism; Metabolism of proteins; Post-translational protein modification
<b>Function</b>	arylsulfatase activity; metal ion binding;