



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

Antigen Description	Arylsulfatase E is a member of the sulfatase family. It is glycosylated posttranslationally 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.
Immunogen	ARSE (NP_000038, 490 a.a. ~ 589 a.a) partial recombinant protein with GST tag. The sequence is GACYGRKVCPCFGEKVVHDPPLLFDLSRDPSETHILTPASEPVFYQVMERVQQAVWEHQ RTLSPVPLQLDRLGNIWRPWLQPCCGPFLCWCLREDDPQ
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

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