

AP43220PU-N**Polyclonal Antibody to Arylsulfatase E - Aff - Purified**

Alternate names:	ARSE, ASE
Quantity:	50 µg
Background:	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. 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.
Uniprot ID:	P51690
NCBI:	NP_000038
GeneID:	415
Host:	Rabbit
Immunogen:	Synthetic peptide directed towards the middle region of human ARSE AA Sequence: KVVHHDPPLLFDLSRDPSETHILTPASEPVFYQVMERVQQAVWEHQRTLS
Format:	State: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Purification: Purified using peptide immunoaffinity column
Applications:	Western blotting (0.2 -1 µg/ml). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Species Reactivity:	Tested: Human
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Nino, M., (2008) Am. J. Med. Genet. A 146 (8), 997-1008

Pictures:

Human Placenta; WB Suggested Anti-ARSE Antibody Titration: 0.2-1 $\mu\text{g/ml}$.
ELISA Titer: 1:62500. Positive Control: Human Placenta; ARSE antibody - middle region (AP43220PU-N) in Human Placenta cells using Western Blot

