ELK Biotechnology

Arylsulfatase E rabbit pAb

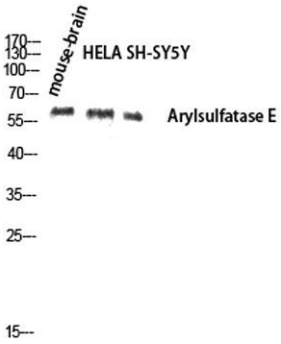
Cat No.:ES6196

For research use only

Overview

Product Name	Arylsulfatase E rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	Synthesized peptide derived from Arylsulfatase E . at AA range: 120-200
Specificity	Arylsulfatase E Polyclonal Antibody detects endogenous levels of Arylsulfatase E protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Arylsulfatase E
Gene Name	ARSE
Cellular localization	Golgi apparatus, Golgi stack .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	65kD
Human Gene ID	415
Human Swiss-Prot Number	P51690
Alternative Names	ARSE; Arylsulfatase E; ASE
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. Alternative splicing results in multiple

transcript variants. A pseudogene related to this gene is located on the Y chromosome. [provided by RefSeq, Sep 2013],



Western blot analysis of mouse-brain HELA SH-SY5Y lysis using Arylsulfatase E antibody. Antibody was diluted at 1:1000