

产品名称: Arylsulfatase E Rabbit Polyclonal Antibody
产品货号: APRab07184



产品概述 (Summary)

产品名称 (Production Name)	Arylsulfatase E Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ARSE
别名 (Alternative Names)	ARSE; Arylsulfatase E; ASE
基因 ID (Gene ID)	415.0
蛋白 ID (SwissProt ID)	P51690.Synthesized peptide derived from Arylsulfatase E . at AA range: 120-200

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	65kDa

研究背景 (Background)

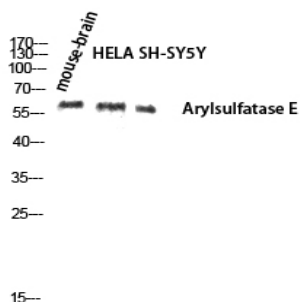
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Arylsulfatase E is a member of the sulfatase family. It is glycosylated postranslationally and localized to the golgi apparatus. Sulfatases are essential for the correct composition of bone and cartilage matrix. X-linked chondrodysplasia punctata, 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], cofactor: Binds 1 calcium ion per subunit., disease: Defects in ARSE are the cause of chondrodysplasia punctata X-linked recessive type 1 (CDPX1) [MIM:302950]. CDP is a clinically and genetically heterogeneous disorder characterized by punctiform calcification of the bones. CDPX1 is a congenital defect of bone and cartilage development characterized by aberrant bone mineralization, severe underdevelopment of nasal cartilage, and distal phalangeal hypoplasia. This disease can also be induced by inhibition with the drug warfarin., enzyme regulation: Inhibited by millimolar concentrations of warfarin., function: May be essential for the correct composition of cartilage and bone matrix during development. Has no activity toward steroid sulfates., PTM: N-glycosylated., PTM: The conversion to 3-oxoalanine (also known as C-formylglycine, FGly), of a serine or cysteine residue in prokaryotes and of a cysteine residue in eukaryotes, is critical for catalytic activity., similarity: Belongs to the sulfatase family., tissue specificity: Expressed in the pancreas, liver and kidney.,

研究领域 (Research Area)

图片 (Image Data)



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

注意事项 (Note)

For research use only .