

ARSF Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP13247c

Product Information

Application	WB, FC, E
Primary Accession	P54793
Other Accession	NP_004033.2
Reactivity	Human
Predicted	Canine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB33119
Calculated MW	65940
Antigen Region	236-264

Additional Information

Gene ID	416
Other Names	Arylsulfatase F, ASF, 316-, ARSF
Target/Specificity	This ARSF antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 236-264 amino acids from the Central region of human ARSF.
Dilution	WB~~1:1000 FC~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	ARSF Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ARSF
Function	Exhibits arylsulfatase activity towards the artificial substrate 4-methylumbelliferyl sulfate.

Background

This gene is a member of the sulfatase family, and more specifically, the arylsulfatase subfamily. Members of the subfamily share similarity in sequence and splice sites, and are clustered together on chromosome X, suggesting that they are derived from recent gene duplication events. Sulfatases are essential for the correct composition of bone and cartilage matrix. The activity of this protein, unlike that of arylsulfatase E, is not inhibited by warfarin.

References

- Cao, W., et al. J. Biol. Chem. 273(32):20629-20635(1998)
Puca, A.A., et al. Genomics 42(2):192-199(1997)
Parenti, G., et al. Curr. Opin. Genet. Dev. 7(3):386-391(1997)
Franco, B., et al. Cell 81(1):15-25(1995)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.