

Rabbit anti-Human ARSF Polyclonal Antibody | anti-ARSF antibody

ARSF Antibody (Center)

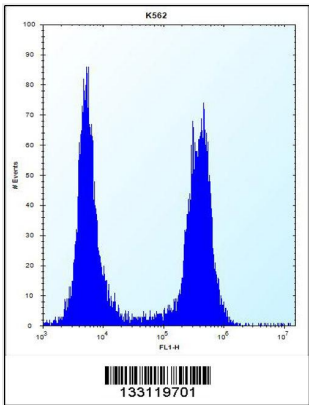
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285389	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

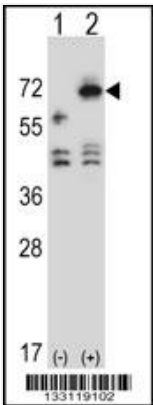
ARSF; Polyclonal Antibody; ARSF Antibody (Center); Arylsulfatase F; ASF; 316-; anti-ARSF antibody

PRODUCT SPECIFICATIONS

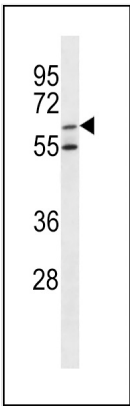
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ARSF antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 236-264 amino acids from the Central region of human ARSF.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.26 (varies by lot)
Sequence Positions	236-264
Sequence Length	590
Applicable Applications for anti-ARSF antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
ARSF Antibody (Center) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of ARSF (arrow) using rabbit polyclonal ARSF Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the ARSF gene.



WB (Western Blot)
ARSF Antibody (Center) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the ARSF antibody detected the ARSF protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-ARSF antibody	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.
Product Categories/Family for anti-ARSF antibody	Cell Biology
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	319996604
NCBI GeneID	416

NCBI Accession #	NP_001188467.1; NP_001188468.1; NP_004033.2
NCBI GenBank Nucleotide #	NM_001201538.1
UniProt Accession #	P54793; Q8TCC5
Molecular Weight	65940
NCBI Official Full Name	arylsulfatase F
NCBI Official Synonym Full Names	arylsulfatase F
NCBI Official Symbol	ARSF
NCBI Official Synonym Symbols	ASF
NCBI Protein Information	arylsulfatase F
UniProt Protein Name	Arylsulfatase F
UniProt Gene Name	ARSF
UniProt Synonym Gene Names	ASF
UniProt Entry Name	ARSF_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/arsf-antibody-flow-cytometry-western-blot-elisa/285389>