

产品名称: Arylsulfatase G Rabbit Polyclonal Antibody
产品货号: AP Rab07186



产品概述 (Summary)

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

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)	ARSG
别名 (Alternative Names)	ARSG; KIAA1001; Arylsulfatase G; ASG
基因 ID (Gene ID)	22901.0
蛋白 ID (SwissProt ID)	Q96EG1.The antiserum was produced against synthesized peptide derived from human ARSG. AA range:251-300

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	65kDa

研究背景 (Background)

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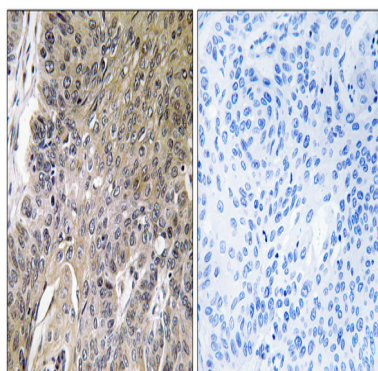


The protein encoded by this gene belongs to the sulfatase enzyme family. Sulfatases hydrolyze sulfate esters from sulfated steroids, carbohydrates, proteoglycans, and glycolipids. They are involved in hormone biosynthesis, modulation of cell signaling, and degradation of macromolecules. This protein displays arylsulfatase activity at acidic pH, as is typical of lysosomal sulfatases, and has been shown to localize in the lysosomes. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jun 2012],cofactor: Binds 1 calcium ion per subunit.,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: Widely expressed.,

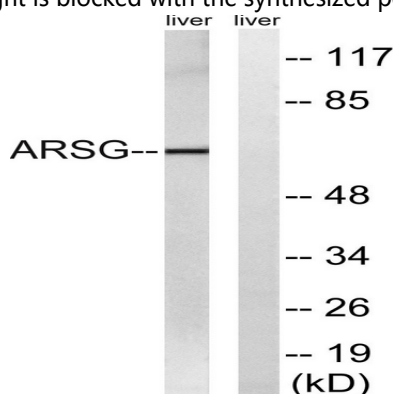
研究领域 (Research Area)

Lysosome;

图片 (Image Data)

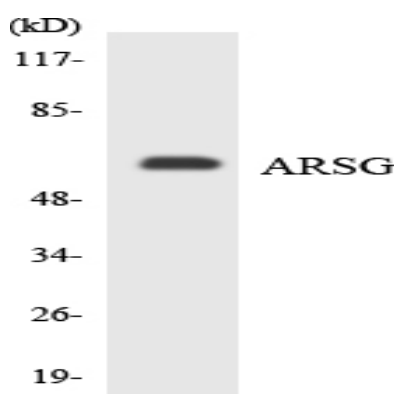


Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using ARSG Antibody. The picture on the right is blocked with the synthesized peptide.

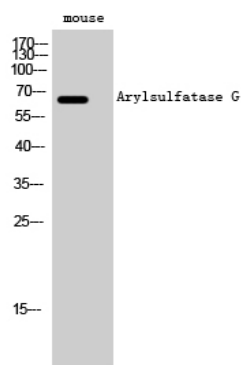


Western blot analysis of lysates from mouse liver, using ARSG Antibody. The lane on the right is blocked with the synthesized peptide.

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Western blot analysis of the lysates from HeLa cells using ARSG antibody.



Western Blot analysis of mouse cells using Arylsulfatase G Polyclonal Antibody

注意事项 (Note)

For research use only .