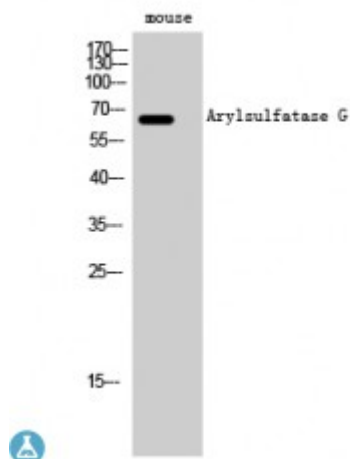


Anti-Arylsulfatase G antibody



Description	Rabbit polyclonal to Arylsulfatase G.
Model	STJ91716
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human Arylsulfatase G
Immunogen Region	220-300 aa, Internal
Gene ID	22901
Gene Symbol	ARSG
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:40000
Specificity	Arylsulfatase G Polyclonal Antibody detects endogenous levels of Arylsulfatase G protein.
Tissue Specificity	Widely expressed, with very low expression in brain, lung, heart and skeletal muscle.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Arylsulfatase G ASG
Molecular Weight	65 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:24102OMIM:610008
Alternative Names	Arylsulfatase G ASG
Function	Displays arylsulfatase activity at acidic pH with pseudosubstrates, such as p-nitrocatechol sulfate and also, but with lower activity, p-nitrophenyl sulfate and 4-methylumbelliferyl sulfate.
Cellular Localization	Lysosome. Previously observed endoplasmic reticulum localization is most likely due to folding/maturation problems for overexpressed proteins.
Post-translational Modifications	N-glycosylated.; 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. Glycosylated.

St John's Laboratory Ltd

F +44 (0)207 681 2580

T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>

E info@stjohnslabs.com