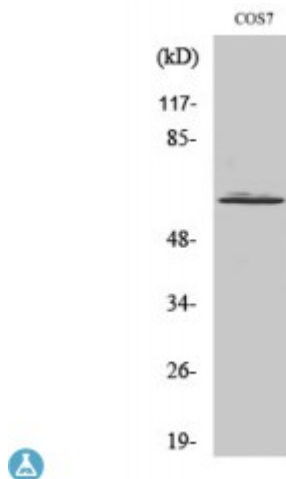


Anti-Arylsulfatase I antibody



Description	Rabbit polyclonal to Arylsulfatase I.
Model	STJ91717
Host	Rabbit
Reactivity	Human, Simian
Applications	ELISA, IF, IHC, WB
Immunogen	Synthesized peptide derived from human Arylsulfatase I
Immunogen Region	280-360 aa, Internal
Gene ID	340075
Gene Symbol	ARSI
Dilution range	WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:40000
Specificity	Arylsulfatase I Polyclonal Antibody detects endogenous levels of Arylsulfatase I protein.
Tissue Specificity	Expressed in placenta, in embryonic stem cells, fetal eyes and lens.
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 I ASI
Molecular Weight	64 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:32521OMIM:610009
Alternative Names	Arylsulfatase I ASI
Function	Displays arylsulfatase activity at neutral pH, when co-expressed with SUMF1; arylsulfatase activity is measured in the secretion medium of retinal cell line, but no activity is recorded when measured in cell extracts.
Cellular Localization	Secreted Endoplasmic reticulum. Localized in the intracellular granular structures.
Post-translational Modifications	The oxidation of Cys-93 residue to 3-oxoalanine (also known as C(alpha)-formylglycine) by SUMF1/Sulfatase-modifying factor 1, seems critical for catalytic activity.

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