

Product Data Sheet

Anti-Arylsulfatase G Antibody

Catalog #	Source	Reactivity	Applications
CPA5190	Rabbit	H, M, R	WB, IH
Description	Rabbit polyclonal antibody to Arylsulfatase G		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Arylsulfatase G. The exact sequence is proprietary.		
Purification	The antibody was purified by affinity chromatography.		
Specificity	Recognizes endogenous levels of Arylsulfatase G protein.		
Clonality	Polyclonal		
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/1000), IH (1/100 - 1/200)		
Gene Symbol	ARSG		
Alternative Names	KIAA1001; Arylsulfatase G; ASG		
Entrez Gene	22901 (Human);74008 (Mouse);303631 (Rat)		
SwissProt	Q96EG1 (Human);Q3TYD4 (Mouse);Q32KJ9 (Rat)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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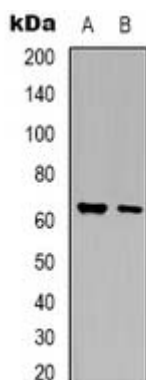
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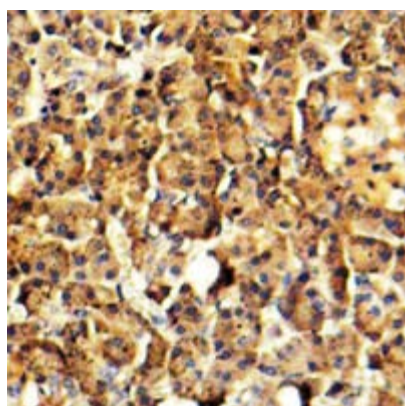
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Western blot analysis of Arylsulfatase G expression in HEK293T (A), mouse liver (B) whole cell lysates.



Immunohistochemical analysis of Arylsulfatase G staining in human pancreas formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugate compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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