DATASHEET

SLC26A2 Rabbit Polyclonal Antibody

CAT. NO. ARA6301

KEY FEATURES

Target	SLC26A2	**Source/Host**	Rabbit
Reactivity	Human,Mouse,Rat	**Clonality**	Polyclonal
Applications	WB,IHC,IF/ICC,FC,ELISA	**Conjugation**	Unconjugated
Storage	at -20°C		

BACKGROUND

SLC26A2, also known as DTDST, is a sulfate transporter encoded by the solute carrier family 26 member 2 gene. It participates in sulfate uptake and transport, supporting proteoglycan sulfation in cartilage and other tissues. SLC26A2 dysfunction has been associated with skeletal development disorders and altered extracellular matrix biology.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
IHC	1:2000 - 1:8000
IF/ICC	1:200 - 1:800
FC	0.40 µg per 10^6 cells in a 100 µL suspension
ELISA	User optimized

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

OVERVIEW

Description	Rabbit polyclonal antibody to SLC26A2
Specificity	Recognizes SLC26A2 protein
Antibody Type	Primary antibody
Immunogen	Recombinant human SLC26A2 protein, 1-112 aa.
Purification	Antigen affinity purification
Molecular Weight	Predicted: 82 kDa; Observed: 68 kDa
Form/Buffer	Liquid in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Alternative Names	DTD; DTDST; solute carrier family 26 member 2
Gene Symbol	SLC26A2
Entrez Gene	1836(Human);
SwissProt	P50443(Human);

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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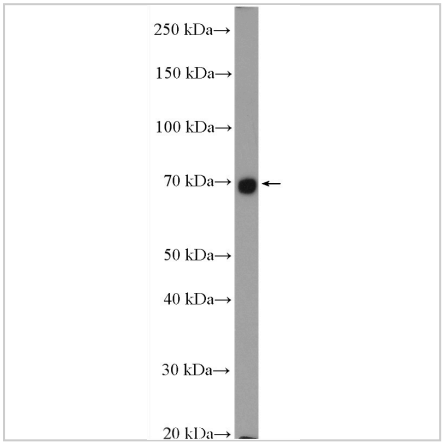
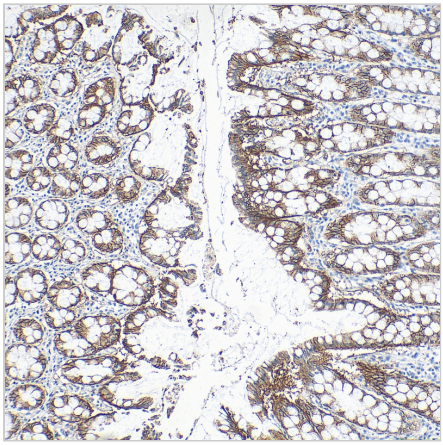
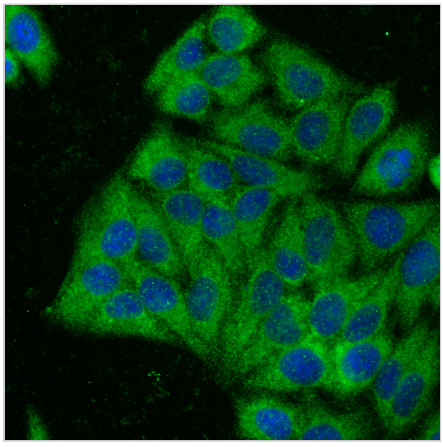
DATA



Mouse colon tissue was subjected to SDS PAGE followed by western blot with SLC26A2 antibody at dilution of 1:1000. Predicted molecular weight: 82 kDa; observed molecular weight: 68 kDa.



Immunohistochemical analysis of paraffin-embedded human colon tissue using SLC26A2 antibody at dilution of 1:4000. Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of ethanol-fixed HepG2 cells using SLC26A2 antibody at dilution of 1:400 and AREX® Fluor 488-conjugated goat anti-rabbit IgG.

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: www.arexbio.com