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anti-SLC26A1 antibody (Middle Region)

2 Images



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Overview

Overview	
Quantity:	100 μL
Target:	SLC26A1
Binding Specificity:	Middle Region
Reactivity:	Human, Cow, Dog, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC26A1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB)
Product Details	

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human SLC26A1
Sequence:	ACCSPPVRDI LSRGGFLGEG PGDTAEEEQL FLSVHDAVQT ARARHRELEA
Predicted Reactivity:	Cow: 79%, Dog: 79%, Horse: 79%, Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against SLC26A1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	SLC26A1
Alternative Name:	SLC26A1 (SLC26A1 Products)

Target Details

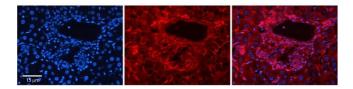
Background:	SLC26A1 is a member of sulfate/anion transporter family. Family members are well conserved
	in their protein (aa length among species) structures, but have markedly different tissue
	expression patterns. Its gene is primarily expressed in the liver, pancreas, and brain.
	Alias Symbols: EDM4, SAT-1, SAT1
	Protein Interaction Partner: UBC,
	Protein Size: 701
Molecular Weight:	75 kDa
Gene ID:	10861
NCBI Accession:	NM_022042, NP_071325
UniProt:	Q9H2B4
Pathways:	Glycosaminoglycan Metabolic Process, Ribonucleoside Biosynthetic Process, Dicarboxylic Acid
	Transport

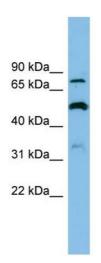
Application Details

Application Notes:

- -	
Comment:	Antigen size: 701 AA
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %
	sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Optimal working dilutions should be determined experimentally by the investigator.





Immunohistochemistry

Image 1. Rabbit Anti-SLC26A1 Antibody Catalog Number: ARP44029_P050 Formalin Fixed Paraffin Embedded Tissue: Human Adult Liver Observed Staining: Membrane in hepatocytes; Membrane and Cytoplasm in cells of the portal vein, hepatic arteries and bile ducts, strong signal, wide tissue distribution Primary Antibody Concentration: 1:100 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 – 2.0 sec Protocol located in Reviews and Data.

Western Blotting

Image 2. WB Suggested Anti-SLC26A1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: OVCAR-3 cell lysate SLC26A1 is strongly supported by BioGPS gene expression data to be expressed in Human OVCAR3 cells