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anti-SLC36A1 antibody (N-Term)





Overview

Quantity:	100 μL
Target:	SLC36A1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rabbit, Rat, Cow, Dog, Guinea Pig, Horse, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC36A1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	STQRLRNEDY HDYSSTDVSP EESPSEGLNN LSSPGSYQRF GQSNSTTWFQ
Predicted Reactivity:	Cow: 79%, Dog: 100%, Guinea Pig: 86%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 93%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against SLC36A1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	SLC36A1
Alternative Name:	SLC36A1 (SLC36A1 Products)
Background:	This gene encodes a member of the eukaryote-specific amino acid/auxin permease (AAAP) 1

Target Details

	transporter family. The encoded protein functions as a proton-dependent, small amino acid
	transporter. This gene is clustered with related family members on chromosome 5q33.1.
	Alias Symbols: Dct1, LYAAT1, PAT1, TRAMD3
	Protein Size: 476
Molecular Weight:	53 kDa
Gene ID:	206358
NCBI Accession:	NM_078483, NP_510968
UniProt:	Q7Z2H8
Pathways:	Proton Transport

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 476 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.

90 kDa__ 65 kDa__ 40 kDa__ 29 kDa__ 22 kDa__

Western Blotting

Rabbit Anti-SLC36A1 Antibody

Catalog Number: ARP64286

Lot Number: QC34942

Image 1.

Antibody Titration: 1.0µg/ml
Gel Concentration: 12%