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Datasheet for ABIN2781555
anti-SLC45A2 antibody (C-Term)

4 Images

Overview

Quantity:	100 µL
Target:	SLC45A2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig, Horse, Pig, Rabbit, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC45A2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human SLC45A2
Sequence:	IGWTAFLSNM LFFTFDFMGQI VYRGDPYSAH NSTEFLIYER GVEVGCWGFC
Predicted Reactivity:	Cow: 86%, Dog: 93%, Guinea Pig: 86%, Horse: 93%, Human: 100%, Mouse: 86%, Pig: 93%, Rabbit: 79%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against SLC45A2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	SLC45A2
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Target Details

Alternative Name:	SLC45A2 (SLC45A2 Products)
Background:	<p>SLC45A2 is a melanocyte differentiation antigen that is expressed in a high percentage of melanoma cell lines. A similar sequence gene in medaka, 'B,' encodes a transporter that mediates melanin synthesis. Mutations in this gene are a cause of oculocutaneous albinism type 4. The protein encoded by this gene encodes a melanocyte differentiation antigen that is expressed in a high percentage of melanoma cell lines. A similar sequence gene in medaka, 'B,' encodes a transporter that mediates melanin synthesis. Mutations in this gene are a cause of oculocutaneous albinism type 4. Alternative splicing results in multiple transcript variants encoding different isoforms.</p> <p>Alias Symbols: 1A1, AIM1, MATP, SHEP5</p> <p>Protein Size: 460</p>
Molecular Weight:	51 kDa
Gene ID:	51151
NCBI Accession:	NM_001012509 , NP_001012527
UniProt:	Q6P2P0

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 460 AA
Restrictions:	For Research Use only

Handling

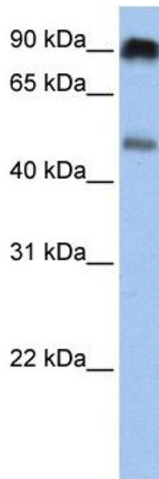
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

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.

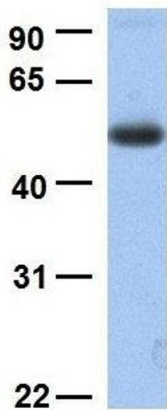
Validation report #100008 for Western Blotting (WB)



Western Blotting

Image 1. WB Suggested Anti-SLC45A2 Antibody Titration:
0.2-1 ug/ml Positive Control: Jurkat cell lysate

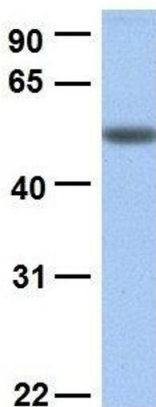
SLC45A2



Western Blotting

Image 2. Host: Rabbit Target Name: SLC45A2 Sample Type:
Human Fetal Lung Antibody Dilution: 1.0ug/ml

SLC45A2



Western Blotting

Image 3. Host: Rabbit Target Name: SLC45A2 Sample Type:
Human Adult Placenta Antibody Dilution: 1.0ug/ml

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2781555.