Datasheet for ABIN2781622

anti-SLC17A4 antibody (Middle Region)

2 Images | 1 Publication

Go to Product page

Overview

Quantity:	100 µL
Target:	SLC17A4
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Guinea Pig, Horse, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC17A4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human SLC17A4
Sequence:	YFCEYWLFYT IMAYTPTYIS SVLQANLRDS GILSALPFVV GCICIILGGL
Predicted Reactivity:	Cow: 93%, Guinea Pig: 79%, Horse: 93%, Human: 100%, Mouse: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against SLC17A4. It was validated on Western Blot and immunohistochemistry.
Purification:	Affinity Purified

Target Details

Target:	SLC17A4
Alternative Name:	SLC17A4 (SLC17A4 Products)

Target Details

Background:	As a Na/PO4 cotransporter, SLC17A4 may be important to the regulation of Li transport and its therapeutic effects. Alias Symbols: KAIA2138, KIAA2138, MGC129623 Protein Size: 497
Molecular Weight:	55 kDa
Gene ID:	10050
NCBI Accession:	NM_005495, NP_005486
UniProt:	Q9Y2C5

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 497 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.

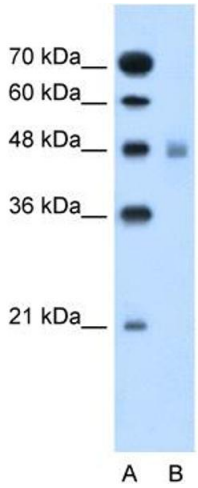
Publications

Product cited in:	Rind, Schmeiser, Thiel, Absmanner, Lübbehusen, Hocks, Apeshiotis, Wilichowski, Lehle, Körner: " A severe human metabolic disease caused by deficiency of the endoplasmatic

Publications

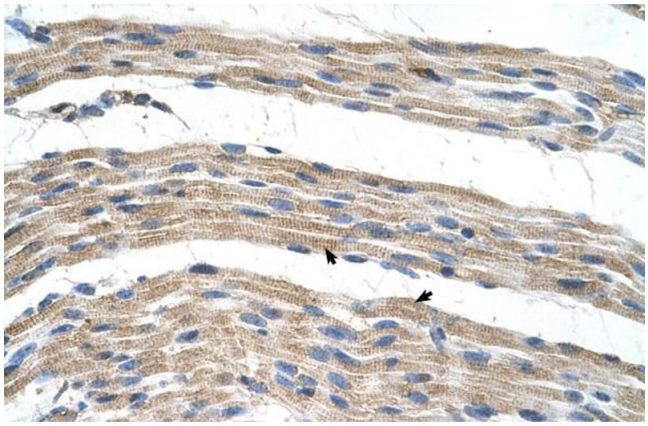
mannosyltransferase hALG11 leads to congenital disorder of glycosylation-Ip." in: **Human molecular genetics**, Vol. 19, Issue 8, pp. 1413-24, (2010) (PubMed).

Images



Western Blotting

Image 1. WB Suggested Anti-SLC17A4 Antibody Titration: 0.2-1 ug/ml Positive Control: Jurkat cell lysate



Immunohistochemistry

Image 2. Human Muscle