



Datasheet for ABIN2781571
anti-SLC29A2 antibody (N-Term)



[Go to Product page](#)

3 Images

1 Publication

Overview

Quantity:	100 µL
Target:	SLC29A2
Binding Specificity:	N-Term
Reactivity:	Human, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC29A2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human SLC29A2
Sequence:	ARILSTNHTG PEDAFNFNNW VTLLSQLPLL LFTLLNSFLY QCVPETVRIL
Predicted Reactivity:	Human: 100%, Rabbit: 91%
Characteristics:	This is a rabbit polyclonal antibody against SLC29A2. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

Target Details

Target:	SLC29A2
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Target Details

Alternative Name:	SLC29A2 (SLC29A2 Products)
Background:	<p>SLC29A2 mediates equilibrative transport of purine, pyrimidine nucleosides and the purine base hypoxanthine. It is less sensitive than SLC29A1 to inhibition by nitrobenzylthioinosine (NBMPR), dipyridamole, dilazep and draflazine.</p> <p>Alias Symbols: DER12, ENT2, HNP36</p> <p>Protein Interaction Partner: UBQLN1, UBC,</p> <p>Protein Size: 456</p>
Molecular Weight:	50 kDa
Gene ID:	3177
NCBI Accession:	NM_001532 , NP_001523
UniProt:	Q14542

Application Details

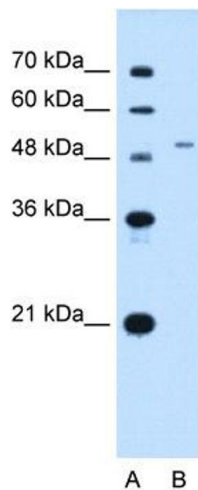
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 456 AA
Restrictions:	For Research Use only

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.

Product cited in: Rind, Schmeiser, Thiel, Absmanner, Lübbehusen, Hocks, Apeshiotis, Wilichowski, Lehle, Körner: "A severe human metabolic disease caused by deficiency of the endoplasmatic mannosyltransferase hALG11 leads to congenital disorder of glycosylation-Ip." in: **Human molecular genetics**, Vol. 19, Issue 8, pp. 1413-24, (2010) ([PubMed](#)).

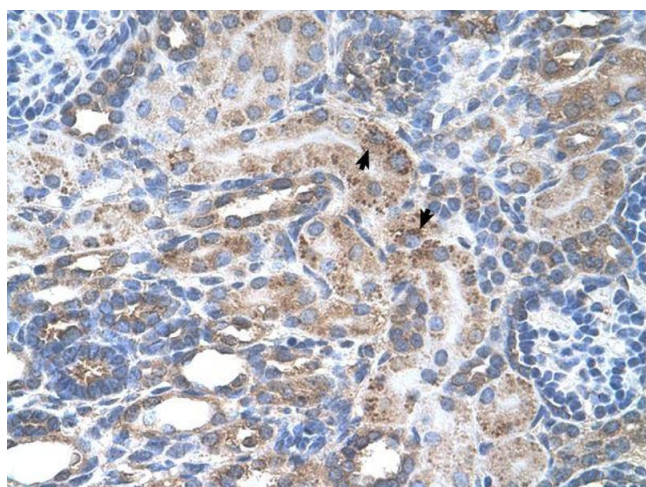
Images



Western Blotting

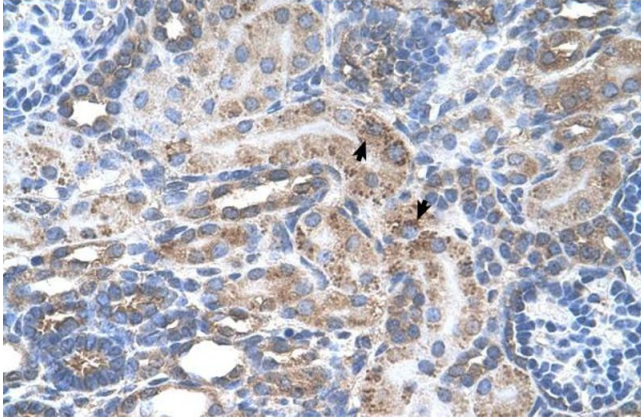
Image 1. WB Suggested Antibody Titration: 2.5 ug/ml

Positive Control: HepG2



Immunohistochemistry

Image 2.



Immunohistochemistry

Image 3. Human kidney