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Datasheet for ABIN2781665

## anti-SLC37A1 antibody (Middle Region)

### 1 Image

#### Overview

Quantity:	100 µL
Target:	SLC37A1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Guinea Pig, Rabbit, Cow, Horse, Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC37A1 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human SLC37A1
Sequence:	LKIPGVIEFS LCLLFAKLVS YTFLFWLPLY ITNVDHLDAK KAGELSTLFD
Predicted Reactivity:	Cow: 93%, Dog: 86%, Guinea Pig: 79%, Horse: 93%, Human: 100%, Mouse: 93%, Pig: 93%, Rabbit: 86%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against SLC37A1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

#### Target Details

Target:	SLC37A1
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## Target Details

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Alternative Name:	SLC37A1 ( <a href="#">SLC37A1 Products</a> )
Background:	<p>SLC37A1, a member of the sugar-phosphate transport family, transports glycerol-3-phosphate (G3P) between cellular compartments for its utilization in several compartment-specific biochemical pathways.SLC37A1, a member of the sugar-phosphate transport family, transports glycerol-3-phosphate (G3P) between cellular compartments for its utilization in several compartment-specific biochemical pathways.[supplied by OMIM].</p> <p>Alias Symbols: FLJ22340, G3PP</p> <p>Protein Interaction Partner: SHBG, ESR1,</p> <p>Protein Size: 533</p>
Molecular Weight:	58 kDa
Gene ID:	54020
NCBI Accession:	<a href="#">NM_018964</a> , <a href="#">NP_061837</a>
UniProt:	<a href="#">P57057</a>

## Application Details

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Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 533 AA
Restrictions:	For Research Use only

## Handling

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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.



#### Western Blotting

**Image 1.** WB Suggested Anti-SLC37A1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: Human brain