



[Go to Product page](#)

Datasheet for ABIN2784682

anti-SLC47A2 antibody (C-Term)

1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	SLC47A2
Binding Specificity:	C-Term
Reactivity:	Human, Dog, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC47A2 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 SLC47A2
Sequence:	TYSRSECHVD FFRTPEEAHA LSAPTSRLSV KQLVIRRGAA LGAASATLMV
Predicted Reactivity:	Dog: 85%, Horse: 79%, Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against SLC47A2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	SLC47A2
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Target Details

Alternative Name:	SLC47A2 (SLC47A2 Products)
Background:	<p>SLC47A2 is a protein belonging to a family of transporters involved in excretion of toxic electrolytes, both endogenous and exogenous, through urine and bile. This transporter family shares homology with the bacterial MATE (multidrug and toxin extrusion) protein family responsible for drug resistance. This gene encodes a protein belonging to a family of transporters involved in excretion of toxic electrolytes, both endogenous and exogenous, through urine and bile. This transporter family shares homology with the bacterial MATE (multidrug and toxin extrusion) protein family responsible for drug resistance. This gene is one of two members of the MATE transporter family located near each other on chromosome 17. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene.</p> <p>Alias Symbols: FLJ31196, MATE2, MATE2-B, MATE2-K, MATE2K</p> <p>Protein Size: 566</p>
Molecular Weight:	61 kDa
Gene ID:	146802
NCBI Accession:	NM_001099646 , NP_001093116

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 566 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

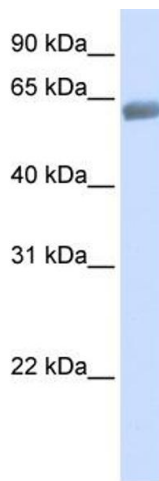
Storage: -20 °C

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.

Publications

Product cited in: Hoffmann, Dietrich, Herrmann, Schacht, Albrecht, Methner: "Dimethyl Fumarate Induces Glutathione Recycling by Upregulation of Glutathione Reductase." in: **Oxidative medicine and cellular longevity**, Vol. 2017, pp. 6093903, (2017) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-SLC47A2 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:2500

Positive Control: Human Lung