

Datasheet for ABIN2781745

anti-SLC6A15 antibody (Middle Region)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	SLC6A15
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Guinea Pig, Rabbit, Horse, Cow, Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC6A15 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide corresponding to a region of Mouse
Sequence:	VEDYRLVYDI IQKVKEEEFA VLHLNACQIE DELNKAVQGT GLAFIAFTEA
Predicted Reactivity:	Cow: 86%, Guinea Pig: 79%, Horse: 86%, Human: 100%, Mouse: 86%, Pig: 86%, Rabbit: 79%, Rat: 86%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against Slc6a15. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	SLC6A15
Alternative Name:	Slc6a15 (SLC6A15 Products)

Target Details

Background:	Slc6a15 functions as a sodium-dependent neutral amino acid transporter. It exhibits preference for methionine and for the branched-chain amino acids, particularly leucine, valine and isoleucine. It mediates the saturable, pH -sensitive and electrogenic cotransport of proline and sodium ions with a stoichiometry of 1:1. Slc6a15 may have a role as transporter for neurotransmitter precursors into neurons. In contrast to other members of the neurotransmitter transporter family, Slc6a15 does not appear to be chloride-dependent. Alias Symbols: AA536730, AI326450, AI326451, v7-3 Protein Size: 729
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Molecular Weight:	82 kDa
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Gene ID:	103098
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NCBI Accession:	NM_175328 , NP_780537
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UniProt:	Q8BG16
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Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
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Comment:	Antigen size: 729 AA
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	Lot specific
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Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Handling Advice:	Avoid repeated freeze-thaw cycles.
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Storage:	-20 °C
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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.
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Western Blotting

Image 1. WB Suggested Anti-Slc6a15 Antibody Titration: 1.0 ug/ml Positive Control: Mouse Kidney