



Datasheet for ABIN6746227 **anti-SLC16A3 antibody (AA 40-89)**



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Overview

Quantity:	100 µL
Target:	SLC16A3
Binding Specificity:	AA 40-89
Reactivity:	Human, Mouse, Rat, Rabbit, Zebrafish (Danio rerio), Cow, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC16A3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide located between aa40-89 of mouse Slc16a3 (P57787, NP_109621). Percent identity by BLAST analysis: Human, Gorilla, Mouse (100%), Orangutan, Gibbon, Elephant, Horse, Opossum, Zebra finch, Platypus, Xenopus (92%), Monkey, Marmoset, Rat, Hamster, Dog, Bovine, Rabbit, Guinea pig, Turkey, Chicken, Zebrafish (85%), Panda (84%). Type of Immunogen: Synthetic peptide
Specificity:	Mouse SLC16A3
Predicted Reactivity:	Percent identity by BLAST analysis: Human (100%) Xenopus (92%) Mouse, Rat, Dog, Bovine, Rabbit, Zebrafish (85%).
Purification:	Immunoaffinity purified

Target Details

Target:	SLC16A3
Alternative Name:	SLC16A3 / MCT4 (SLC16A3 Products)
Background:	Name/Gene ID: SLC16A3 Subfamily: Monocarboxylic acid transporter Family: Transporter Synonyms: SLC16A3, MCT 3, MCT-4, MCT3, MCT4, Monocarboxylate transporter 4, MCT-3, Monocarboxylate transporter 3, MCT 4
Gene ID:	9123
NCBI Accession:	NP_109621
UniProt:	O15427
Pathways:	Warburg Effect

Application Details

Application Notes:	Approved: WB (1 µg/mL) Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody.
Comment:	Target Species of Antibody: Mouse
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year)

Handling

Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Publications

Product cited in:

Nishibe, Parry, Ishida, Aziz, Murray, Patel, Rahman, Strand, Saito, Saito, Hammond, Savidge, Mackman, Wijelath: "Oncostatin M promotes biphasic tissue factor expression in smooth muscle cells: evidence for Erk-1/2 activation." in: **Blood**, Vol. 97, Issue 3, pp. 692-9, (2001) ([PubMed](#)).

Pimentel-Muiños, Seed: "Regulated commitment of TNF receptor signaling: a molecular switch for death or activation." in: **Immunity**, Vol. 11, Issue 6, pp. 783-93, (2000) ([PubMed](#)).

Kieran, Blank, Logeat, Vandekerckhove, Lottspeich, Le Bail, Urban, Kourilsky, Baeuerle, Israël: "The DNA binding subunit of NF-kappa B is identical to factor KBF1 and homologous to the rel oncogene product." in: **Cell**, Vol. 62, Issue 5, pp. 1007-18, (1990) ([PubMed](#)).

Baeuerle, Baltimore: "Activation of DNA-binding activity in an apparently cytoplasmic precursor of the NF-kappa B transcription factor." in: **Cell**, Vol. 53, Issue 2, pp. 211-7, (1988) ([PubMed](#)).

Images

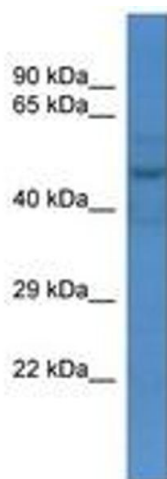


Image 1.