Datasheet for ABIN2790349

anti-ACER2 antibody (Middle Region)

1 Image

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Overview

Quantity:	100 µL
Target:	ACER2
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig, Horse, Rabbit, Dog, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACER2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of Human ACER2
Sequence:	DELAVLWVLM CALAMWFPRR YLPKIFRNDR GRFKVVVSVL SAVTTCLAFV
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against ACER2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	ACER2
Alternative Name:	ACER2 (ACER2 Products)

Target Details

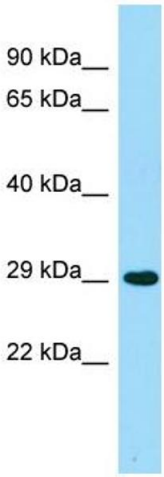
Background:	The sphingolipid metabolite sphingosine-1-phosphate promotes cell proliferation and survival, whereas its precursor, sphingosine, has the opposite effect. The ceramidase ACER2 hydrolyzes very long chain ceramides to generate sphingosine. Alias Symbols: ASAH3L, FLJ41587 Protein Size: 275
Molecular Weight:	31 kDa
Gene ID:	340485
NCBI Accession:	NM_001010887, NP_001010887
UniProt:	Q5QJU3
Pathways:	Positive Regulation of Endopeptidase Activity, Regulation of Carbohydrate Metabolic Process

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 275 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.



Western Blotting

Image 1. WB Suggested Anti-ACER2 Antibody Titration: 1.0 ug/ml Positive Control: Fetal Lung