

Datasheet for ABIN6140410
anti-FA2H antibody (AA 95-170)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	FA2H
Binding Specificity:	AA 95-170
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FA2H antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 95-170 of human FA2H (NP_077282.3).
Sequence:	NEPVALEETQ KTDPEMEPRF KVVWDKDLV DWRKPLLWQV GHLGEKYDEW VHQPVTRPIR LFHSDLIEGL SKTVWY
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

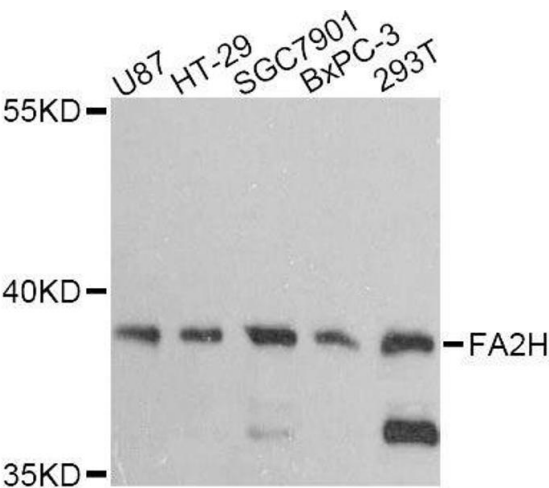
Target:	FA2H
Alternative Name:	FA2H (FA2H Products)
Background:	<p>This gene encodes a protein that catalyzes the synthesis of 2-hydroxysphingolipids, a subset of sphingolipids that contain 2-hydroxy fatty acids. Sphingolipids play roles in many cellular processes and their structural diversity arises from modification of the hydrophobic ceramide moiety, such as by 2-hydroxylation of the N-acyl chain, and the existence of many different head groups. Mutations in this gene have been associated with leukodystrophy dysmyelinating with spastic paraparesis with or without</p> <p>dystonia.,FA2H,FAAH,FAH1,FAXDC1,SCS7,SPG35,Signal Transduction,Endocrine & Metabolism,Lipid Metabolism,Neuroscience,Cell Type Marker,Neuron marker,Axon marker,FA2H</p>
Molecular Weight:	18 kDa/42 kDa
Gene ID:	79152
UniProt:	Q7L5A8

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using FA2H antibody.