# antibodies - online.com







## anti-FA2H antibody (AA 121-148)





Go to	D		
	Pron	ויאווו	Dage

Overview	
Quantity:	400 μL
Target:	FA2H
Binding Specificity:	AA 121-148
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FA2H antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This FA2H antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 121-148 amino acids from the Central region of human FA2H.
Clone:	RB23881
Isotype:	Ig Fraction
Predicted Reactivity:	Pr, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	FA2H
Alternative Name:	FA2H (FA2H Products)

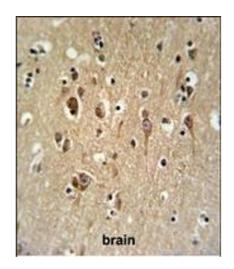
### **Target Details**

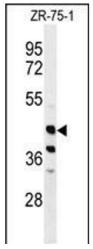
Expiry Date:

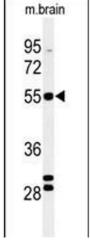
rai get Betalle		
Background:	FA2H is a protein that catalyzes the synthesis of 2-hydroxysphingolipids, a subset of sphingolipids that contain 2-hydroxy fatty acids. Sphingolipids play roles in many cellular processes and their structural diversity arises from modification of the hydrophobic ceramide moiety, such as by 2-hydroxylation of the N-acyl chain, and the existence of many different head groups.	
Molecular Weight:	42791	
Gene ID:	79152	
NCBI Accession:	NP_077282	
UniProt:	Q7L5A8	
Application Details		
Application Notes:	WB: 1:1000. WB: 1:1000. IHC-P: 1:50~100	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.	
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:	4 °C,-20 °C	
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small	

aliquots to prevent freeze-thaw cycles.

6 months







#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** FA2H Antibody (Center) (ABIN650994 and ABIN2840028) IHC analysis in formalin fixed and paraffin embedded brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the FA2H Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

#### **Western Blotting**

**Image 2.** Western blot analysis of FA2H Antibody (Center) (ABIN650994 and ABIN2840028) in ZR-75-1 cell line lysates (35  $\mu$ g/lane). FA2H (arrow) was detected using the purified Pab.

#### **Western Blotting**

**Image 3.** Western blot analysis of FA2H Antibody (Center) (ABIN650994 and ABIN2840028) in mouse brain tissue lysates (35  $\mu$ g/lane). FA2H (arrow) was detected using the purified Pab.