

Datasheet for ABIN6140451  
**anti-FAM173B antibody (AA 1-233)**



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1 Image

## Overview

Quantity:	100 µL
Target:	FAM173B
Binding Specificity:	AA 1-233
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FAM173B antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-233 of human FAM173B (NP_954584.2).
Sequence:	MEGGGGIPLE TLKEESQSRH VLPASFEVNS LQKSNWGFLL TGLVGGTLVA VYAVATPFVT PALRKVCLPF VPATTKQIEN VVKMLRCRRG SLVDIGSGDG RIVIAAAKKG FTAVGYELNP WLWYSRYRA WREGVHGS AK FYISDLWKVT FSQYSNVVIF GVPQMMLQLE KKLERELEDD ARVIACRFPP PHWTPDHVTG EGIDTVWAYD ASTFRGREKR PCTSMHFQLP IQA
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

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Target:	FAM173B
Alternative Name:	FAM173B ( <a href="#">FAM173B Products</a> )
Background:	Mitochondrial protein-lysine N-methyltransferase that trimethylates ATP synthase subunit C, ATP5MC1 and ATP5MC2. Trimethylation is required for proper incorporation of the C subunit into the ATP synthase complex and mitochondrial respiration. Promotes chronic pain. Involved in persistent inflammatory and neuropathic pain: methyltransferase activity in the mitochondria of sensory neurons promotes chronic pain via a pathway that depends on the production of reactive oxygen species (ROS and on the engagement of spinal cord microglia.,FAM173B,JS-2,Epigenetics & Nuclear Signaling,Cell Biology & Developmental Biology,FAM173B
Molecular Weight:	24 kDa/26 kDa
Gene ID:	134145
UniProt:	<a href="#">Q6P4H8</a>

## Application Details

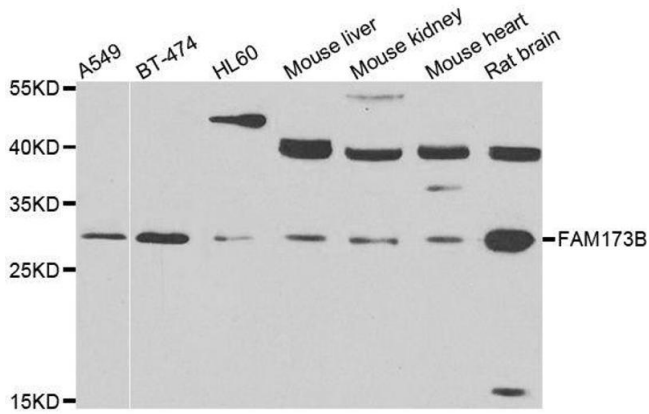
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Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

## Handling

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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 FAM173B antibody.