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Datasheet for ABIN6140453

anti-FAM208A antibody (AA 700-1000)

1 Image

Overview

Quantity:	100 µL
Target:	FAM208A
Binding Specificity:	AA 700-1000
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FAM208A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 700-1000 of human FAM208A (NP_001106207.1).
Sequence:	DTEDMRSKTV LKRKLEDLPE NMRKLAKTSN LSEACHLYEE SPQPIGSLGH DADLRRQQQD TCNSGIADIH RLFNWLSETL ANARHSDASL TDTVNKALGL STDDAYEELR QKHEYELNST PDKKDYEQPT CAKVENAQFK GTQSLLEVD ATSKYSVAIS TSEVGTDHKL HLKEDPNLIS VNNFEDCSLC PSVPIEHGFR RQSKSNNVE ETEIHWKLIP ITGGNARSPE DQLGKHGEKQ TPGMKSPEEQ LVCVPPQAEF PNDPRVINRQ RSSDYQFPSS PFTDTLKGTT EDDVLTGQVE E
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	FAM208A
Alternative Name:	FAM208A (FAM208A Products)
Background:	<p>Component of the HUSH complex, a multiprotein complex that mediates epigenetic repression. The HUSH complex is recruited to genomic loci rich in H3K9me3 and is required to maintain transcriptional silencing by promoting recruitment of SETDB1, a histone methyltransferase that mediates further deposition of H3K9me3, as well as MORC2. Also represses L1 retrotransposons in collaboration with MORC2 and, probably, SETDB1, the silencing is dependent of repressive epigenetic modifications, such as H3K9me3 mark. Silencing events often occur within introns of transcriptionally active genes, and lead to the down-regulation of host gene expression. The HUSH complex is also involved in the silencing of unintegrated retroviral DNA by being recruited by ZNF638: some part of the retroviral DNA formed immediately after infection remains unintegrated in the host genome and is transcriptionally repressed. Plays a crucial role in early embryonic development (By similarity. Involved in the organization of spindle poles and spindle apparatus assembly during zygotic division (By similarity. Plays an important role in maintaining epiblast fitness or potency (By similarity. FAM208A,C3orf63,RAP140,TASOR,se89-1,Epigenetics & Nuclear Signaling,RNA Binding,FAM208A</p>
Molecular Weight:	139 kDa/170 kDa/182 kDa/189 kDa
Gene ID:	23272
UniProt:	Q9UK61

Application Details

Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
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

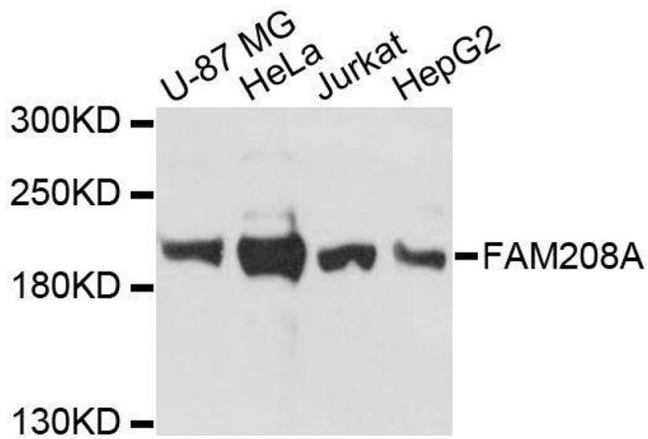
Handling

should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using FAM208A antibody.