

FAM3D Polyclonal Antibody

Cat #: ABP57503

Size: 30μl /100μl /200μl

Product Information

	Product Name: FAM3D Polyclonal Antibody		
	Applications: WB, ELISA		Isotype: Rabbit IgG
	Reactivity: Human		
REF	Catalog Number: ABP57503	LOT	Lot Number: Refer to product label
	Formulation: Liquid		Concentration: 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		Note: Contain sodium azide.

Background: Family with sequence similarity 3 (FAM3) family is a novel cytokine-like gene family, which has four genes in this family, FAM3A, FAM3B, FAM3C, and FAM3D, each encoding a protein (224-235 amino acids) with a hydrophobic leader sequence. It had indicated that FAM3B/PANDER (pancreatic derived factor) is highly expressed in pancreas, and FAM3A and FAM3C in almost all tissues. FAM3D is abundantly expressed in placenta and weakly expressed in small intestine. Immunohistochemistry showed that FAM3A is expressed prominently in the vascular endothelium, particularly capillaries. FAM3A and FAM3B protein were both localized to the islets of Langerhans of the endocrine pancreas. Recombinant FAM3B protein has delayed effects on beta-cell function. FAM3C is involved in retinal laminar formation processes in vertebrates. NFATC2, SCP2, CACNA1C, TCRA, POLE, and FAM3D, were associated with narcolepsy. Some of these associations were further supported by gene expression analyses and an association study in essential hypersomnia (EHS), CNS hypersomnia similar to narcolepsy.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), ELISA (1:10000-1:20000).

Storage Buffer: PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

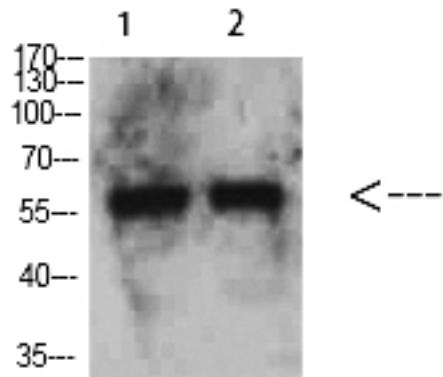


Fig. Western Blot analysis of HeLa cells using FAM3D Polyclonal Antibody diluted at 1:500. Secondary antibody (catalog#: A21020) was diluted at 1:20000.

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