

For Research Use Only

FAM40B Polyclonal antibody

Catalog Number: 25163-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number:

25163-1-AP

Size:

150ul, Concentration: 760 ug/ml by Nanodrop and 260 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18230

GenBank Accession Number:

BC019064

GeneID (NCBI):

57464

UNIPROT ID:

Q9ULQ0

Full Name:

family with sequence similarity 40, member B

Calculated MW:

834 aa, 95 kDa

Observed MW:

95-100 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IHC, IF, IP

Species Specificity:

human, mouse, rat

Cited Species:

human, rat

Positive Controls:

WB: mouse testis tissue, rat testis tissue

Background Information

FAM40B, also known as STRIP2, is a member of the striatin-interacting phosphatase and kinase (STRIPAK) complex that is involved in the regulation of various processes such as cell proliferation and differentiation. Fam40b in ESCs is as a perinuclear and nucleolar protein with a molecular weight of 96kDa (PMID: 25010986). The expression of Fam40b is essential for the lineage commitment of murine embryonic stem cells (mESCs) into differentiated somatic cells via mechanisms involving pluripotency and epigenetic networks. Catalog#17293-1-AP specially recognises the 96 kDa protein.

Notable Publications

Author	Pubmed ID	Journal	Application
Li Dai	31093976	J Cell Physiol	WB,IF
Junfan Pan	39191354	Genomics	WB,IP,IHC,IF
Matthias Eden	38579991	J Biol Chem	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

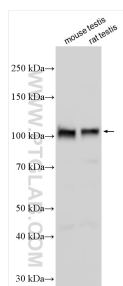
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 25163-1-AP (FAM40B antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.