

FAM3C Rabbit pAb

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Catalog # AP58779

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q92520
Reactivity	Rat, Human
Predicted	Pig, Dog, Mouse, Chicken, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24680
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human FAM3C
Epitope Specificity	151-227/227
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted. Cytoplasmic vesicle. Note=Cytoplasmic in some cancer cells.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	ILEI is a 227 amino acid, ubiquitously expressed protein containing an amino-terminal signal peptide. Elevated levels of ILEI translation are observed in oncogenic, Ras-transformed mammary epithelial cells and epithelial to mesenchymal transition (Emt) as well as tumor growth and metastasis. Also, overexpression of ILEI results in loss of ZO-1, a protein involved in tight junctions, and expression of cytoplasmic E-cadherin, which has been shown to influence loss of polarity and invasiveness. Due to this evidence, it is suspected that ILEI cooperates with oncogenic Ras to cause TGF β -independent Emt and its overexpression is correlated with the invasion, metastasis and survival in a variety of cancers.

Additional Information

Gene ID	10447
Other Names	Protein FAM3C, Interleukin-like EMT inducer, FAM3C, ILEI
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

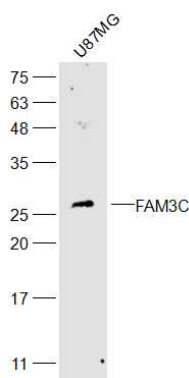
Protein Information

Name	FAM3C
Synonyms	ILEI
Function	May be involved in retinal laminar formation. Promotes epithelial to mesenchymal transition.
Cellular Location	Secreted. Cytoplasmic vesicle. Note=Cytoplasmic in some cancer cells
Tissue Location	Present in most secretory epithelia (at protein level).

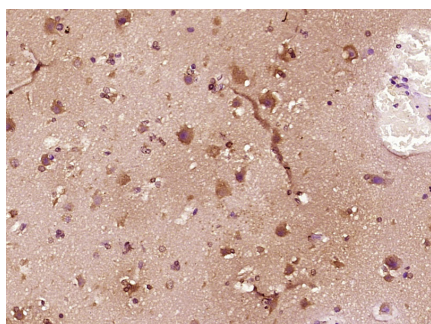
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Images



Sample:
U87MG(Human) Cell Lysate at 30 ug
Primary: Anti-FAM3C (AP58779) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 22 kD
Observed band size: 22 kD



Paraformaldehyde-fixed, paraffin embedded (Human brain glioma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (FAM3C) Polyclonal Antibody, Unconjugated (AP58779) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

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