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FAM172A Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14487c

Product Information

Application	WB, E
Primary Accession	Q8WUF8
Other Accession	Q5ZK44, NP_001156889.1, NP_001156890.1
Reactivity	Human
Predicted	Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB32814
Calculated MW	47972
Antigen Region	203-232

Additional Information

Gene ID	83989
Other Names	Protein FAM172A, FAM172A, C5orf21
Target/Specificity	This FAM172A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 203-232 amino acids from the Central region of human FAM172A.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	FAM172A Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

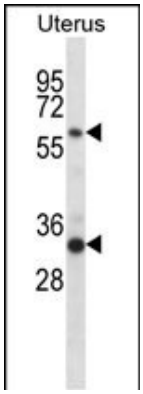
Name	ARB2A (HGNC:25365)
Synonyms	C5orf21, FAM172A
Function	Plays a role in the regulation of alternative splicing, by interacting with

	AGO2 and CHD7. Seems to be required for stabilizing protein-protein interactions at the chromatin-spliceosome interface. May have hydrolase activity.
Cellular Location	Nucleus {ECO:0000250|UniProtKB:Q3TNH5}. Cytoplasm {ECO:0000250|UniProtKB:Q3TNH5}. Endoplasmic reticulum {ECO:0000250|UniProtKB:Q3TNH5}

References

Rose, J. Phd, et al. Mol. Med. (2010) In press : Li, L.X., et al. Zhonghua Yi Xue Za Zhi 89(36):2574-2577(2009) Simpson, J.C., et al. EMBO Rep. 1(3):287-292(2000)

Images



FAM172A Antibody (Center) (Cat. #AP14487c) western blot analysis in human normal Uterus tissue lysates (35ug/lane).This demonstrates the FAM172A antibody detected the FAM172A protein (arrow).

Citations

- Docetaxel-loaded solid lipid nanoparticles suppress breast cancer cells growth with reduced myelosuppression toxicity.