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C11orf30 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9475a

Product Information

Application	WB, E
Primary Accession	Q7Z589
Other Accession	Q8BMB0, Q7ZUV7
Reactivity	Human, Mouse
Predicted	Zebrafish, Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB23056
Calculated MW	141468
Antigen Region	46-75

Additional Information

Gene ID	56946
Other Names	Protein EMSY, EMSY, C11orf30
Target/Specificity	This C11orf30 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 46-75 amino acids from the N-terminal region of human C11orf30.
Dilution	WB~~1:2000 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	C11orf30 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	EMSY (HGNC:18071)
Synonyms	C11orf30
Function	Regulator which is able to repress transcription, possibly via its interaction

	with a multiprotein chromatin remodeling complex that modifies the chromatin (PubMed:14651845). Its interaction with BRCA2 suggests that it may play a central role in the DNA repair function of BRCA2 (PubMed:14651845). Mediates ligand-dependent transcriptional activation by nuclear hormone receptors (PubMed:19131338).
Cellular Location	Nucleus. Note=Localizes to DNA damage markers in irradiated cells, suggesting that it participates in DNA repair process

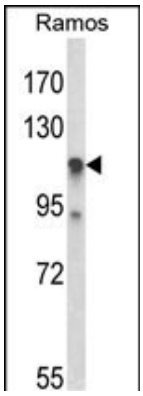
Background

Regulator which is able to repress transcription, possibly via its interaction with a multiprotein chromatin remodeling complex that modifies the chromatin. Its interaction with BRCA2 suggests that it may play a central role in the DNA repair function of BRCA2.

References

?Esparza-Gordillo, J., et al. Nat. Genet. 41(5):596-601(2009)
?Garapaty, S., et al. J. Biol. Chem. 284(12):7542-7552(2009)
?Mavaddat, N., et al. Cancer Epidemiol. Biomarkers Prev. 18(1):255-259(2009)
?Vega, A., et al. Gynecol. Oncol. 112(1):210-214(2009)

Images



Western blot analysis of C11orf30 Antibody (N-term) (Cat. #AP9475a) in Ramos cell line lysates (35ug/lane). C11orf30 (arrow) was detected using the purified Pab.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.