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# C11orf30 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9475a

## Product Information

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| **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

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| **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

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

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| | 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 |

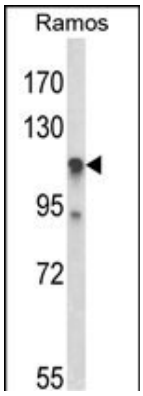
## Background

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'.