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SAMD11 Rabbit pAb

Catalog # AP96728

Product Information

Application	WB
Primary Accession	Q96NU1
Other Accession	Q96NU1
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	72708
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human SAMD11
Epitope Specificity	101-200/681
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 SAM (sterile alpha motif) domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	SAMD11 (Sterile Alpha Motif Domain Containing 11) is a Protein Coding gene. GO annotations related to this gene include transcription coactivator activity and PH domain binding. An important paralog of this gene is PHC3.

Additional Information

Gene ID	148398
Other Names	MRS; mr-s; SAM11_HUMAN; SAMD11; SAM domain-containing protein 11; SAM11_MOUSE; Major retinal SAM domain-containing protein (Mr-s);
Dilution	WB=1:500-2000
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	SAMD11
Function	Component of a Polycomb group (PcG) multiprotein PRC1-like complex, essential for establishing rod photoreceptor cell identity and function by silencing nonrod gene expression in developing rod photoreceptor cells.

Cellular Location	Nucleus {ECO:0000250|UniProtKB:Q1RNF8}.
Tissue Location	Expressed in the outer and inner nuclear layers, ganglion cell layer and rod photoreceptors of the retina (at protein level) (PubMed:27734943). Widely expressed, showing the highest expression in kidney, prostate and retina (PubMed:27734943)

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