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SAMD11 Rabbit pAb

Catalog # AP99140

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q1RNF8
Other Accession	Q1RNF8
Reactivity	Mouse
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	57784
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from mouse SAMD11
Epitope Specificity	461-560/681
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	231004
Other Names	MRS; mr-s; SAM11_HUMAN; SAMD11; SAM domain-containing protein 11; SAM11_MOUSE; Major retinal SAM domain-containing protein (Mr-s);
Dilution	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	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.
Tissue Location	Expressed in the outer nuclear layer of rod photoreceptors in the retina (at protein level) (PubMed:33603070) Predominantly expressed in retinal photoreceptors and pineal gland

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