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Munc13 Rabbit pAb

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Catalog # AP54468

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q2TAK8
Reactivity	Rat, Mouse
Predicted	Pig, Dog, Human, Chicken, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	78636
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Munc13
Epitope Specificity	1511-1610/1703
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus. Note=Recuited to DNA damage sites via its interaction with the BRCT domain of TP53BP1.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Enables nucleosome binding activity. Involved in DNA repair and chromatin organization. Located in cytosol and nucleoplasm. [provided by Alliance of Genome Resources, Jun 2025]

Additional Information

Gene ID	84939
Other Names	PWWP domain-containing DNA repair factor 3A, PWWP3A, Mutated melanoma-associated antigen 1, MUM-1, PWWP domain-containing protein MUM1, Protein expandere, PWWP3A (HGNC:29641)
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

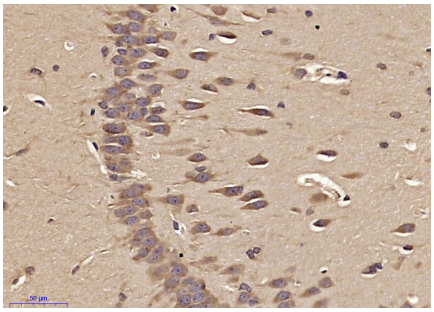
Name	PWWP3A (HGNC:29641)

Function	Involved in the DNA damage response pathway by contributing to the maintenance of chromatin architecture. Recruited to the vicinity of DNA breaks by TP53BP1 and plays an accessory role to facilitate damage-induced chromatin changes and promoting chromatin relaxation. Required for efficient DNA repair and cell survival following DNA damage.
Cellular Location	Nucleus. Note=Recruited to DNA damage sites via its interaction with the BRCT domain of TP53BP1

Background

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Images



Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by microwave in sodium citrate buffer (pH6.0) ; Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes; Blocking buffer (3% BSA) at RT for 30min; Antibody incubation with (Munc13) Polyclonal Antibody, Unconjugated (AP54468) at 1:400 overnight at 4℃, followed by conjugation to the secondary antibody (labeled with HRP)and DAB staining.

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