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[Primary Antibody]

Recombinant Rabbit Anti-PFN1 Monoclonal Antibody

Catalog Number: SLA1551M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Clone No.:	8H3
GeneID:	5216
SWISS:	P07737
Target:	PFN1
Immunogen:	A synthesized peptide derived from human Profilin 1
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-2000) IP (1:20-50) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human,Mouse,Rat
Predicted MW.:	15 kDa
Subcellular Location:	Cytoplasm
Background:	Binds to actin and affects the structure of the cytoskeleton. At high concentrations, profilin prevents the polymerization of actin, whereas it enhances it at low concentrations. By binding to PIP2, it inhibits the formation of IP3 and DG. Inhibits androgen receptor (AR) and HTT aggregation and binding of G-actin is essential for its inhibition of AR.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.