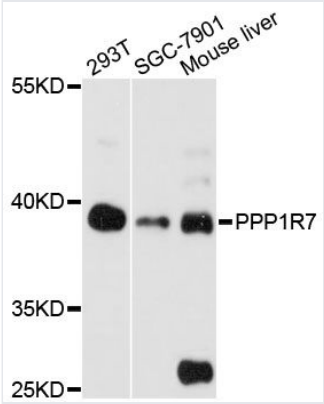
PPP1R7 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PPP1R7, Polyclonal Antibody
Full Product Name	PPP1R7 Polyclonal Antibody
Product Gene Name	anti-PPP1R7 antibody
Product Synonym Names	SDS22
Immunogen Sequence	IASNRIKKIE NISHLTELQE FWMNDNLLES WSDLDELKGA RSLETVYLER NPLQKDPQYR RKVMLALPSV RQIDATFVRF
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Purity/Purification	Affinity Purification
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.
Molecular Weight	Calculated: 25kDa; 27kDa; 32kDa; 36kDa; 41kDa Observed: 39kDa
OMIM	Z50749 mRNA
3D Structure	ModBase 3D Structure for Q15435
Immunogen	Recombinant protein of human PPP1R7
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Nucleus
Positive Samples	293T, SGC-7901, Mouse liver
Product Categories/Family for anti-PPP1R7 antibody	Polyclonal Antibodies
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-PPP1R7 antibody	Western Blot (WB)
Application Notes for anti-PPP1R7 antibody	WB: 1:500 - 1:2000
Related Product Information for anti-PPP1R7 antibody	This gene encodes a protein subunit that regulates the activity of the serine/threonine phosphatase, protein phosphatase-1. The encoded protein is required for completion of the mitotic cycle and for targeting protein phosphatase-1 to mitotic kinetochores. Alternate splicing results in multiple transcript variants.
Other Notes	Small volumes of anti-PPP1R7 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for PPP1R7 purchase	MBS9133090 is an antibody targeting PPP1R7. Also known as PPP1R7 Polyclonal Antibody. Reactive in Human, Mouse. Host: Rabbit.



Western Blot (WB) of anti-PPP1R7 antibody
Western blot analysis of extracts of various cell lines, using PPP1R7 antibody at 1:3000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (MBS128200) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit.Exposure time: 90s.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PPP1R7. It may not necessarily be applicable to this product.

NCBI GI #	540344563
NCBI GeneID	5510
NCBI Accession #	NP_001269338.1
UniProt Primary Accession #	Q15435
UniProt Secondary Accession #	Q9UQE5; Q9UQE6; Q9Y6K4; B4DFD4; B5MCY6
UniProt Related Accession #	Q15435
GenBank Nucleotide #	NM_001282409.1
NCBI Official Full Name	protein phosphatase 1 regulatory subunit 7 isoform 2
NCBI Official Synonym Full Names	protein phosphatase 1 regulatory subunit 7
NCBI Official Symbol	PPP1R7
NCBI Official Synonym Symbols	SDS22
UniProt Protein Name	Protein phosphatase 1 regulatory subunit 7
UniProt Synonym Protein Names	Protein phosphatase 1 regulatory subunit 22
Protein Family	Protein phosphatase 1 regulatory
UniProt Gene Name	PPP1R7
UniProt Synonym Gene Names	SDS22
NCBI Protein Information	protein phosphatase 1 regulatory subunit 7
UniProt Comments for PPP1R7	Regulatory subunit of protein phosphatase 1.
Research Articles on PPP1R7	**1.** a Fra-1-miR-134 axis drives a positive feedback loop that amplifies ERK/JNK signaling and reduces chemosensitivity in ovarian cancer cells.
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