



# PP4R2 rabbit pAb

Cat No.:ES4912

For research use only

## Overview

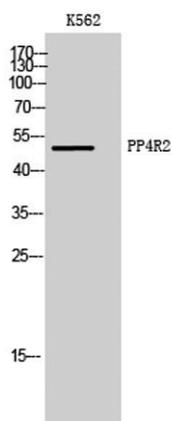
<b>Product Name</b>	PP4R2 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Monkey
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human PPP4R2. AA range:171-220
<b>Specificity</b>	PP4R2 Polyclonal Antibody detects endogenous levels of PP4R2 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Serine/threonine-protein phosphatase 4 regulatory subunit 2
<b>Gene Name</b>	PPP4R2
<b>Cellular localization</b>	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Nucleus. Ionizing radiation induces relocalization to nuclear foci and colocalization with RPA2.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	50kD
<b>Human Gene ID</b>	151987
<b>Human Swiss-Prot Number</b>	Q9NY27
<b>Alternative Names</b>	PPP4R2; SBBI57; Serine/threonine-protein phosphatase 4 regulatory subunit 2
<b>Background</b>	The protein encoded by this gene is a regulatory



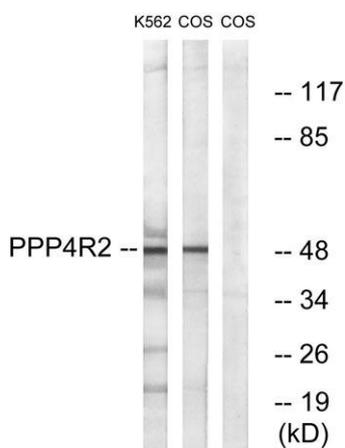


subunit of the serine/threonine-protein phosphatase 4 complex. In addition to being required for efficient DNA double strand break repair, this complex plays a role in organization of microtubules at centrosomes and processing of spliceosomal snRNPs. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2015],

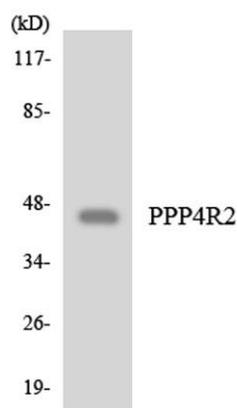
Western Blot analysis of K562 cells using PP4R2 Polyclonal Antibody



Western blot analysis of lysates from K562 and COS7 cells, using PPP4R2 Antibody. The lane on the right is blocked with the synthesized peptide.

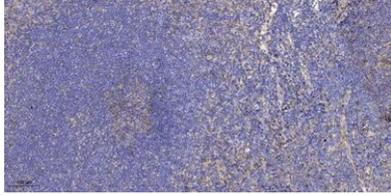


Western blot analysis of the lysates from COLO205 cells using PPP4R2 antibody.





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Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



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