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C9orf64 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55955

Specification

C9orf64 Polyclonal Antibody - Product Information

Application	**WB, IHC-P, IHC-F, IF, ICC, E**
Primary Accession	Q5T6V5
Reactivity	**Rat, Pig, Dog, Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**39029**

C9orf64 Polyclonal Antibody - Additional Information

Gene ID 84267

Other Names
Queuosine salvage protein, C9orf64

Dilution
WB~~1:1000<br \>IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>ICC~~N/A<br \>E~~N/A

Format
0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage
Store at -20 ℃ 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 ℃.

C9orf64 Polyclonal Antibody - Protein Information

Name QNG1 (HGNC:28144)

Synonyms C9orf64

Function
Catalyzes the hydrolysis of queuosine 5'-phosphate, releasing the nucleobase queuine (q). Is required for salvage of queuine from exogenous queuosine (Q) that is imported and then converted to queuosine 5'-phosphate intracellularly. In vitro, can also catalyze the release of the q base directly from Q as substrate; however, it was shown that Q is not the biologically relevant substrate. Shows a very low activity on queuosine 3',5'-diphosphate, and cannot release q from queuosine 3'-phosphate and from the 5'-nucleotides AMP, UMP, CMP or GMP, indicating specificity for the queuine base (PubMed:<a href="http://www.uniprot.org/citations/36610787"

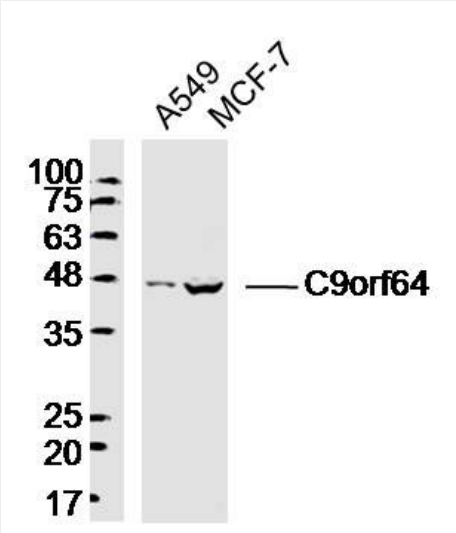
target="_blank">36610787). Can complement the yeast mutant SPAC589.05c, restoring Q incorporation into tRNA (PubMed:24911101).

C9orf64 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

C9orf64 Polyclonal Antibody - Images



Sample:
A549 (Human) Cell Lysate at 40 ug
MCF-7 (Human) Cell Lysate at 40 ug
Primary: Anti-C9orf64(bs-15336R)at 1/300 dilution
Secondary: IRDye800CW Goat Anti-RabbitIgG at 1/20000 dilution
Predicted band size: 39kD
Observed band size: 47kD