

C9orf30 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP55947

Specification

C9orf30 Polyclonal Antibody - Product Information

Application
Primary Accession

Reactivity Host Clonality Calculated MW Physical State

Immunogen

Epitope Specificity

Isotype **Purity**

affinity purified by Protein A

WB, IHC-P, IHC-F, IF, ICC, E

Q96H12 Rat, Pig, Dog Rabbit Polyclonal 32 KDa Liquid

KLH conjugated synthetic peptide derived

from human C9orf30

1-100/275

laG

Buffer

0.01M TBS (pH7.4) with 1% BSA, 0.02%

Proclin300 and 50% Glycerol.

SIMILARITY

Belongs to the MSANTD3 family. Contains 1

Myb-like domain.

Important Note

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

Background Descriptions

C9orf30 is a 275 amino acid protein that is expressed in brain and belongs to the UPF0439 family. The gene encoding C9orf30 maps to human chromosome 9q31.1. Chromosome 9 consists of about 145 million bases, represents 4% of the human genome and encodes nearly 900 genes. Thought to play a role in gender determination, deletion of the distal portion of 9p can lead to development of male to female sex reversal, the phenotype of a female with a male X,Y genotype. Hereditary hemorrhagic telangiectasia, which is characterized by harmful vascular defects, is associated with the chromosome 9 gene encoding endoglin protein, ENG. Familial dysautonomia is also associated with chromosome 9 though through the gene IKBKAP. Notably, chromosome 9 encompasses the largest interferon family gene cluster. Chromosome 9 is partnered with chromosome 22 in the translocation leading to the aberrant production of BCR-ABL fusion protein often found in leukemias.

C9orf30 Polyclonal Antibody - Additional Information

Gene ID 91283

Other Names

Myb/SANT-like DNA-binding domain-containing protein 3, MSANTD3, C9orf30

Target/Specificity Expressed in brain.



Dilution

- WB~~1:1000<br \><span class</pre>
- ="dilution IHC-P">IHC-P~~N/A<br \><span class
- ="dilution IHC-F">IHC-F~~N/A<br \><span class
- ="dilution_IF">IF \sim 1:50 \sim 200<br \>ICC \sim N/A<br \>E \sim N/A

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.

C9orf30 Polyclonal Antibody - Protein Information

Name MSANTD3

Synonyms C9orf30

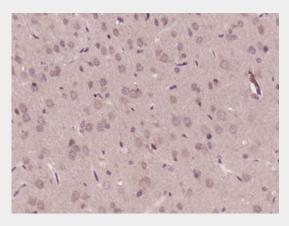
Tissue Location
Expressed in brain...

C9orf30 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

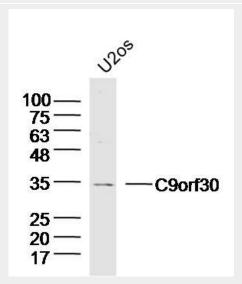
C9orf30 Polyclonal Antibody - Images



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (C9orf30) Polyclonal Antibody, Unconjugated (bs-15326R) at 1:400 overnight at 4°C, followed by



operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

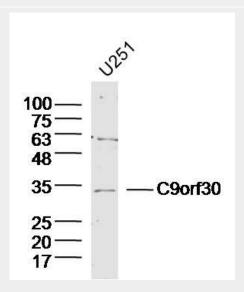


Sample:U2os Cell (Human) Lysate at 40 ug

Primary: Anti-C9orf30(bs-15326R)at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 32kD Observed band size: 32kD



Sample:U251 Cell (Human) Lysate at 40 ug

Primary: Anti-C9orf30(bs-15326R)at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 32kD Observed band size: 32kD