

C9orf96 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55961**Specification****C9orf96 Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q8NE28
Host	Rabbit
Clonality	Polyclonal
Calculated MW	76 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human C9orf96
Epitope Specificity	101-200/680
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. STKL subfamily. Contains 1 protein kinase domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

C9orf96, also known as Protein kinase-like protein SgK071, is a 680 amino acid protein that belongs to the Ser/Thr protein kinase family of the protein kinase superfamily. There are three isoforms of C9orf96 that are produced as a result of alternative splicing events. The gene encoding C9orf96 maps to human chromosome 9, which consists of about 145 million bases and 4% of the human genome and encodes nearly 900 genes. Considered 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.

C9orf96 Polyclonal Antibody - Additional Information**Gene ID 169436****Other Names**

Serine/threonine kinase-like domain-containing protein STKLD1, Serine/threonine kinase-like domain-containing protein 1, Sugen kinase 071, STKLD1, C9orf96, SGK071

Dilution

IHC-P~~N/A
IHC-F~~N/A
IF~~1:50~200
ICC~~N/A
E~~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.

C9orf96 Polyclonal Antibody - Protein Information

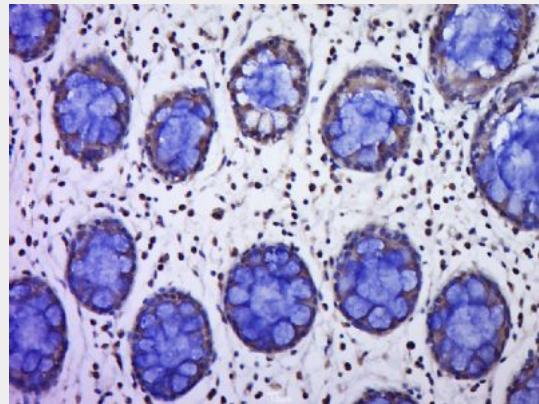
Name STKLD1

Synonyms C9orf96, SGK071

C9orf96 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 Cytometry](#)
- [Cell Culture](#)

C9orf96 Polyclonal Antibody - Images

Paraformaldehyde-fixed, paraffin embedded (Human colon cancer); 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 (Chromosome 9 open reading frame 96; C9orf96) Polyclonal Antibody, Unconjugated (bs-15350R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.