

C22orf43 Rabbit pAb

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Catalog # AP55825

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q6PGQ1
Reactivity	Rat, Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	25064
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human C22orf43
Epitope Specificity	1-100/229
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	C22orf43 (chromosome 22 open reading frame 43), also known as MGC33025 or MGC75009, is a 229 amino acid protein encoded by a gene located on human chromosome 22, which contains over 500 genes and about 49 million bases. As the second smallest human chromosome, chromosome 22 contains a wide variety of genes with numerous functions. Phelan-McDermid syndrome, Neurofibromatosis type 2 and autism are associated with chromosome 22. A schizophrenia susceptibility locus has been identified on chromosome 22 and studies show that 22q11 deletion symptoms include a high incidence of schizophrenia. Translocations between chromosomes 9 and 22 may lead to the formation of the Philadelphia Chromosome and the subsequent production of the novel fusion protein, BCR-Abl, a potent cell proliferation activator found in several types of leukemia.

Additional Information

Gene ID	51233
Other Names	Aspartate-rich protein 1, DRICH1, C22orf43
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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.

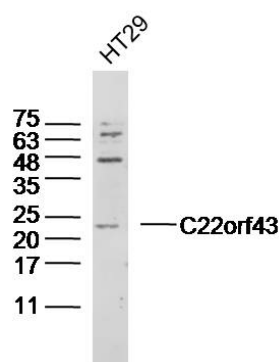
Protein Information

Name	DRICH1
Synonyms	C22orf43

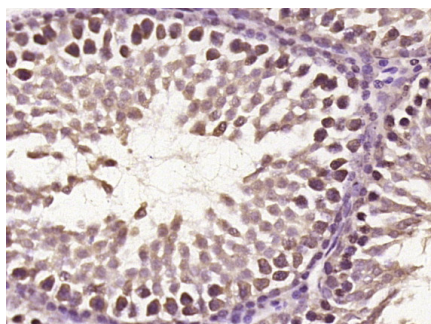
Background

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Images



Sample: HT29 (human) Cell Lysate at 40 ug
Primary: Anti-C22orf43 (AP55825) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 25 kD
Observed band size: 23 kD



Paraformaldehyde-fixed, paraffin embedded (rat testis tissue); Antigen retrieval by boiling in sodium citrate buffer (pH 6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (C22orf43) Polyclonal Antibody, Unconjugated (AP55825) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) (sp-0023) instructions and DAB staining.

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