

KIAA1045 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56499**Specification**

KIAA1045 Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q9UPV7
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human KIAA1045
Epitope Specificity	51-150/400
Isotype	IgG
Purity	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 PHD-type zinc finger.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

KIAA1045 is a 400 amino acid protein that contains one PHD-type zinc finger. The gene encoding KIAA1045 maps to human chromosome 9p13.3. Chromosome 9 houses over 900 genes and comprises nearly 4% of the human genome. Considered to play a role in gender determination, deletion of the distal portion of chromosome 9p can lead to development of male to female sex reversal, the phenotype of a female with a male XY 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 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 a BCR-ABL fusion protein often found in leukemias.

KIAA1045 Polyclonal Antibody - Additional Information**Gene ID** 23349**Other Names**

PHD finger protein 24 {ECO:0000312|HGNC:HGNC:29180}, PHF24 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=29180)

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 °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.

KIAA1045 Polyclonal Antibody - Protein Information

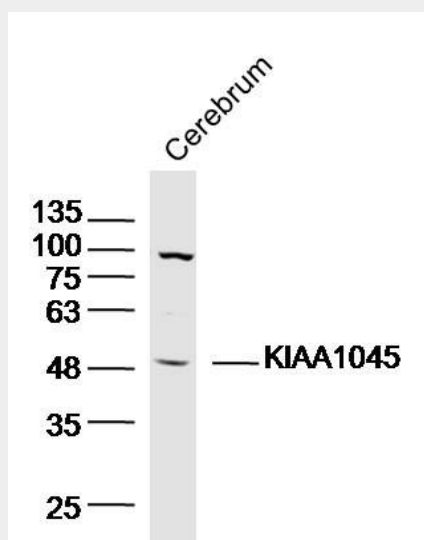
Name PHF24 ([HGNC:29180](#))

KIAA1045 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](#)

KIAA1045 Polyclonal Antibody - Images



Sample: Cerebrum (Mouse) Lysate at 40 ug
Primary: Anti-KIAA1045(bs-16988R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 45kD
Observed band size: 45kD