ARG44467
anti-PHF6 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes PHF6
Tested Reactivity	Hu, Ms, Rat, Mk
Tested Application	FACS, ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Target Name	PHF6
Species	Human
Immunogen	Human PHF6 recombinant protein
Conjugation	Un-conjugated
Alternate Names	PHF6; PHD Finger Protein 6; CENP-31; KIAA1823; PHD-Like Zinc Finger Protein; Centromere Protein 31; MGC14797; BFLS; BORJ; Borjeson-Forssman-Lehmann Syndrome

Application Instructions

Application table

Application	Dilution
FACS	1-3 µg/1x10^6
ICC/IF	5 µg/ml
IHC-P	2-5 µg/ml
WB	0.25-0.5 µg/ml

Application Note: The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

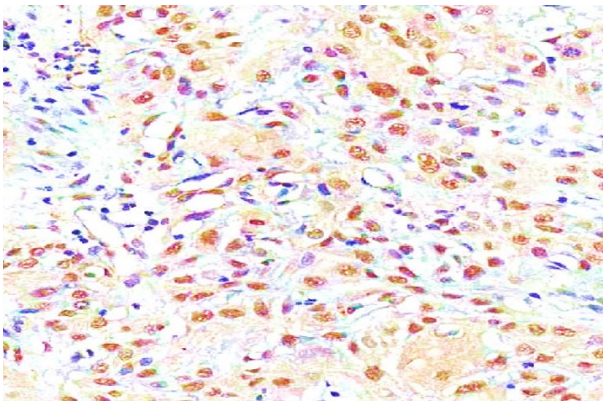
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na2HPO4, 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

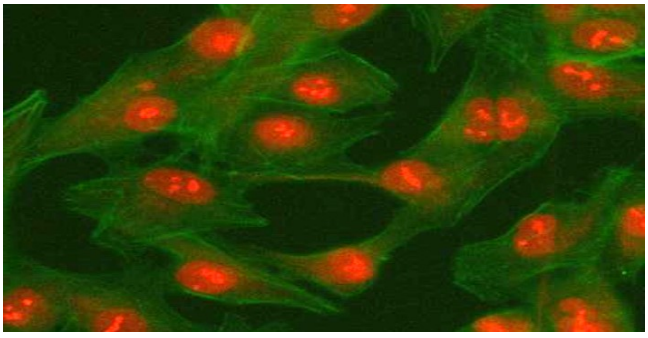
Gene Symbol	PHF6
Gene Full Name	PHD Finger Protein 6
Background	This gene is a member of the plant homeodomain (PHD)-like finger (PHF) family. It encodes a protein with two PHD-type zinc finger domains, indicating a potential role in transcriptional regulation, that localizes to the nucleolus. Mutations affecting the coding region of this gene or the splicing of the transcript have been associated with Borjeson-Forssman-Lehmann syndrome (BFLS), a disorder characterized by cognitive disability, epilepsy, hypogonadism, hypometabolism, obesity, swelling of subcutaneous tissue of the face, narrow palpebral fissures, and large ears. Alternate splicing results in multiple transcript variants, encoding different isoforms.
Function	Transcriptional regulator that associates with ribosomal RNA promoters and suppresses ribosomal RNA (rRNA) transcription.
Calculated Mw	41 kDa
PTM	Acetylation, Isopeptide bond, Phosphoprotein, Ubl conjugation
Cellular Localization	Centromere, Chromosome, Kinetochore, Nucleus

Images



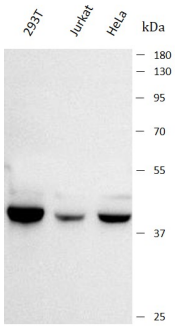
ARG44467 anti-PHF6 antibody IHC-P image

Immunohistochemistry: Human urothelial carcinoma stained with ARG44467 anti-PHF6 antibody at 2 µg/mL dilution.



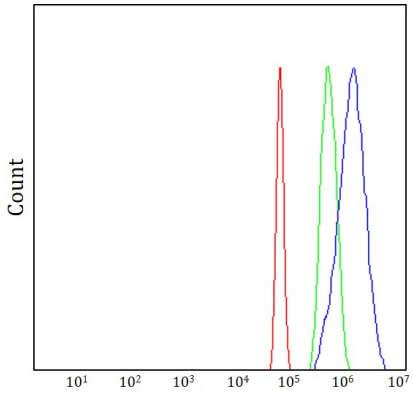
ARG44467 anti-PHF6 antibody ICC/IF image

Immunofluorescence: A549 stained with ARG44467 anti-PHF6 antibody at 5 µg/mL dilution.



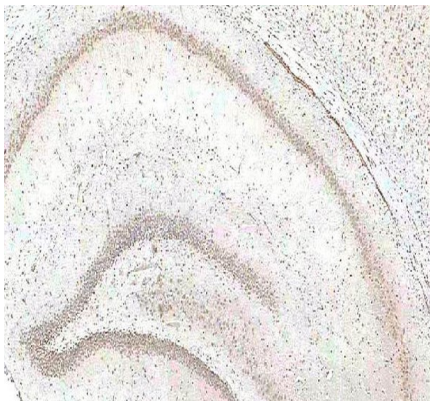
ARG44467 anti-PHF6 antibody WB image

Western blot: 293T, Jurkat and HeLa stained with ARG44467 anti-PHF6 antibody at 0.5 µg/mL dilution.



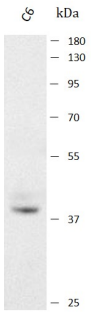
ARG44467 anti-PHF6 antibody FACS image

Flow Cytometry: JK stained with ARG44467 anti-PHF6 antibody at 1 µg/10^6 cells dilution.



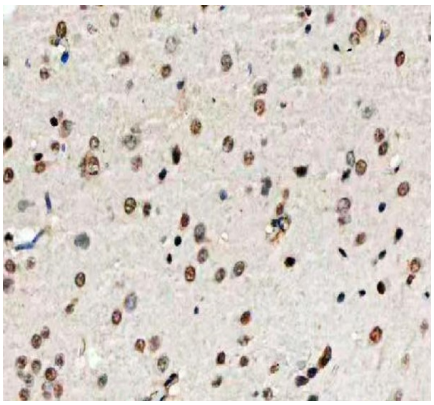
ARG44467 anti-PHF6 antibody IHC-P image

Immunohistochemistry: Rat brain stained with ARG44467 anti-PHF6 antibody at 2 µg/mL dilution.



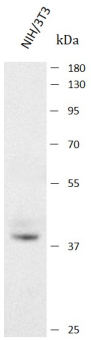
ARG44467 anti-PHF6 antibody WB image

Western blot: C6 stained with ARG44467 anti-PHF6 antibody at 0.5 µg/mL dilution.



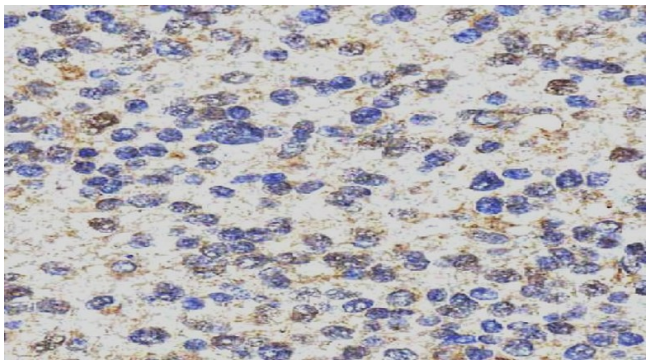
ARG44467 anti-PHF6 antibody IHC-P image

Immunohistochemistry: Mouse brain stained with ARG44467 anti-PHF6 antibody at 2 µg/mL dilution.



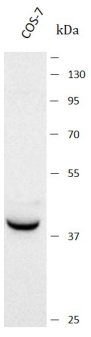
ARG44467 anti-PHF6 antibody WB image

Western blot: NIH/3T3 stained with ARG44467 anti-PHF6 antibody at 0.5 µg/mL dilution.



ARG44467 anti-PHF6 antibody IHC-P image

Immunohistochemistry: Human glioblastoma stained with ARG44467 anti-PHF6 antibody at 2 µg/mL dilution.



ARG44467 anti-PHF6 antibody WB image

Western blot: COS-7 stained with ARG44467 anti-PHF6 antibody at 0.5 µg/mL dilution.