

KIAA2018 Rabbit pAb

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Catalog # AP56526

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q68DE3
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	241653
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human KIAA2018
Epitope Specificity	301-400/2245
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Chromosome 3 is made up of about 214 million bases encoding over 1,100 genes. Notably, there is a chemokine receptor gene cluster and a variety of human cancer related loci on chromosome 3. Particular regions of the chromosome 3 short arm are deleted in many types of cancer cells. Key tumor suppressing genes on chromosome 3 encode apoptosis mediator RASSF1, cell migration regulator HYAL1 and angiogenesis suppressor SEMA3B. Marfan Syndrome, porphyria, von Hippel-Lindau syndrome, osteogenesis imperfecta and Charcot-Marie-Tooth Disease are a few of the numerous genetic diseases associated with chromosome 3. The KIAA2018 gene product has been provisionally designated KIAA2018 pending further characterization.

Additional Information

Gene ID	205717
Other Names	Basic helix-loop-helix domain-containing protein USF3, Upstream transcription factor 3, USF3 (HGNC:30494), KIAA2018
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=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	USF3 (HGNC:30494)
Synonyms	KIAA2018
Function	Involved in the negative regulation of epithelial-mesenchymal transition, the process by which epithelial cells lose their polarity and adhesion properties to become mesenchymal cells with enhanced migration and invasive properties.
Cellular Location	Nucleus {ECO:0000255 PROSITE-ProRule:PRU00981}.

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.