

Rabbit anti-Human SKA2 Polyclonal Antibody | anti-SKA2 antibody

Anti-SKA2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA125486	Rabbit	Human	Flow Cytometry, Functional Assay, Western Blot

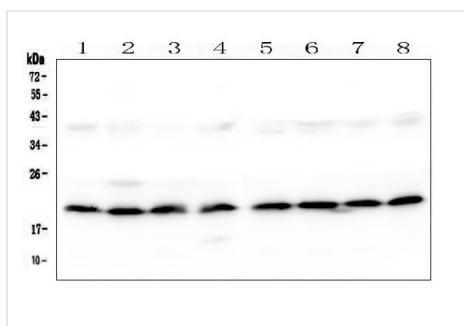
PRODUCT SYNONYMS

SKA2; Polyclonal Antibody; Anti-SKA2 Antibody; Spindle and kinetochore-associated protein 2; Protein FAM33A; FAM33A; anti-SKA2 antibody

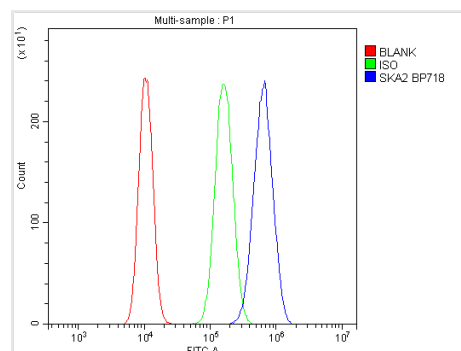
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	121
Applicable Applications for anti-SKA2 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence of human SKA2 (EAEVDKLELMFQKAESDLDYIQYRLEYEIK).
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen store at -20 degree C for a longer time. Avoid repeated freezing and thawing.

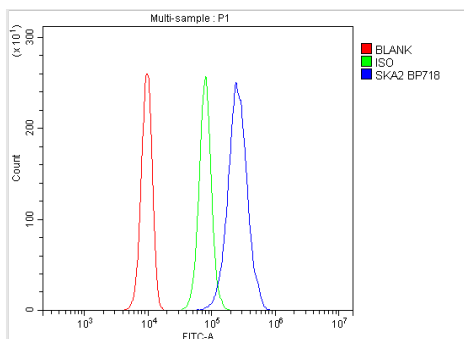
IMAGES



WB (Western Blot)



FCM/FACS (Flow Cytometry)



FCM/FACS (Flow Cytometry)

ADDITIONAL INFORMATION

Related Product Information for anti-SKA2 antibody	Description: Rabbit IgG polyclonal antibody for SKA2 detection. Tested with WB, FCM in Human. Background: Spindle and kinetochore-associated protein 2 is a protein that in humans is encoded by the SKA2 gene found in chromosome 17. SKA2 is a part of a spindle and kinetochore associated complex also including SKA1 and SKA3 which is responsible for onset of the anaphase in mitosis by regulating chromosomal segregation. SKA2 may function as a prognostic gene marker for identifying lung cancer[3] as well as a proposed biomarker for suicidal tendencies and post-traumatic stress disorders.[4][5] The SKA2 gene contains one single-nucleotide polymorphism (SNP) rs7208505 located in the 3' UTR. This genetic variant containing a cytosine (existing in the less common allele) instead of thymine along with epigenetic modification (such as DNA methylation) is correlated with suicidal tendencies and post-traumatic stress
References	- Hanisch A, Silljé HH, Nigg EA (November 2006). "Timely anaphase onset requires a novel spindle and kinetochore complex comprising Ska1 and Ska2". The EMBO Journal. 25 (23): 5504-15. - Wang Y, Zhang Y, Zhang C, Weng H, Li Y, Cai W, Xie M, Long Y, Ai Q, Liu Z, Du G, Wang S, Niu Y, Song F, Ozaki T, Bu Y (September 2015). "The gene pair PRR11 and SKA2 shares a NF-Y-regulated bidirectional promoter and contributes to lung cancer development". Biochimica et Biophysica Acta. 1849 (9): 1133-44. - Guintivano J, Brown T, Newcomer A, Jones M, Cox O, Maher BS, Eaton WW, Payne JL, Wilcox HC, Kaminsky ZA (December 2014). "Identification and replication of a combined epigenetic and genetic biomarker predicting suicide and suicidal behaviors". The American Journal of Psychiatry. 171 (12): 1287-96.

NCBI AND UNIPROT INFORMATION

NCBI GI #	32699054
NCBI GeneID	348235
NCBI Accession #	NP_872426
NCBI GenBank Nucleotide #	NP_872426.1
UniProt Accession #	Q8WVK7
NCBI Official Full Name	spindle and kinetochore-associated protein 2 isoform 1
NCBI Official Synonym Full Names	spindle and kinetochore associated complex subunit 2
NCBI Official Symbol	SKA2
NCBI Official Synonym Symbols	FAM33A
NCBI Protein Information	spindle and kinetochore-associated protein 2
UniProt Protein Name	Spindle and kinetochore-associated protein 2
UniProt Gene Name	SKA2
UniProt Synonym Gene Names	FAM33A
UniProt Entry Name	SKA2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ska2-antibody-flow-cytometry-western-blot-elisa/125486>