

Mouse anti-Human TFAP2A Monoclonal Antibody | anti-TFAP2A antibody

TFAP2A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312029	Mouse	Human	Flow Cytometry, Functional Assay, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

TFAP2A; Monoclonal Antibody; TFAP2A Antibody; Activating enhancer binding protein 2 alpha antibody; Activating enhancer-binding protein 2-alpha antibody; Activator protein 2 antibody; AP 2 transcription factor antibody; AP 2alpha antibody; AP-2 antibody; AP-2 transcription factor antibody; AP2 antibody; AP2 Transcription Factor antibody; AP2-alpha antibody; AP2A_HUMAN antibody; AP2TF antibody; BOFS antibody; FLJ51761 antibody; TFAP 2 antibody; TFAP 2A antibody; TFAP2 antibody; TFAP2A antibody; Transcription factor AP 2 alpha (activating enhancer binding protein 2 alpha) antibody; Transcription factor AP-2-alpha antibody; Transcription factor AP2 alpha antibody; anti-TFAP2A antibody

PRODUCT SPECIFICATIONS

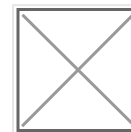
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Clone Number	10-C5
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-TFAP2A antibody	FCM/FACS (Flow Cytometry), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of Hela cells with AP2 alpha antibody at 1/100 dilution (green) compared with an unlabelled control (cells without incubation with primary antibody; red).



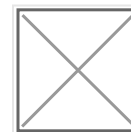
ICC (Immunocytochemistry)

ICC staining AP2 alpha (green) and Actin filaments (red) in Hela cells. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



WB (Western Blot)

Western blot analysis of AP2 alpha on HEK293 (1) and AP2 alpha -hlgGfc transfected HEK293 (2) cell lysate using anti- AP2 alpha antibody at 1/1, 000 dilution.



WB (Western Blot)

Western blot analysis of AP2 alpha on human AP2 alpha recombinant protein using anti- AP2 alpha antibody at 1/1, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-TFAP2A antibody	AP-2 transcription factor family members include AP-2alpha, AP-2beta and AP-2gamma, which specifically bind to the DNA consensus sequence CCCCAGGC and initiate transcription of selected genes. AP-2, also known as ERF-1, plays a role in regulating estrogen receptor expression. AP-2beta, a splice variant of AP-2alpha, inhibits AP-2 activity. Besides subscribing to the AP-2 complex, AP-2alpha, AP-2beta and AP-2gamma proteins compose the OB2-1 transcription factor complex. OB2-1 specifically upregulates expression of the proto-oncogene c-ErbB-2, which is overexpressed in 25-30% of breast cancers. AP-2alpha may play an important role in the development of ectodermal-derived tissues. Deleterious mutations involving the AP-2alpha gene are linked to microphthalmia, corneal clouding and other anterior eye chamber defects. The ubiquitously expressed AP-4 transcription factor specifically binds to the DNA consensus sequence 5'-CAGCTG-3'. AP-4 interacts with promoters for immunoglobulin-kappa gene families and simian virus 40. AP-4 may enhance the transcription of the human Huntington's disease gene. AP-4 is a helix-loop-helix protein that contains two distinctive leucine repeat elements.
Product Categories/Family for anti-TFAP2A antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	73760407
NCBI GeneID	7020
NCBI Accession #	NP_001027451.1
NCBI GenBank Nucleotide #	NM_001032280.2
UniProt Accession #	P05549; Q13777; Q5TAV5; Q8N1C6
Molecular Weight	437
NCBI Official Full Name	transcription factor AP-2-alpha isoform b
NCBI Official Synonym Full Names	transcription factor AP-2 alpha (activating enhancer binding protein 2 alpha)
NCBI Official Symbol	TFAP2A
NCBI Official Synonym Symbols	AP-2; BOFS; AP2TF; TFAP2; AP-2alpha
NCBI Protein Information	transcription factor AP-2-alpha; AP2-alpha; activator protein 2; AP-2 transcription factor; activating enhancer-binding protein 2-alpha
UniProt Protein Name	Transcription factor AP-2-alpha
UniProt Gene Name	TFAP2A
UniProt Synonym Gene Names	AP2TF; TFAP2; AP2-alpha; AP-2
UniProt Entry Name	AP2A_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://stage.aaabiotech.com/monoclonal/tfap2a-antibody-clone-10-c5-flow-cytometry-immunocytochemistry-western-blot-elisa/312029>