

Mouse anti-Human AP2 beta Monoclonal Antibody | anti-TFAP2B antibody

AP2 beta Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312057	Mouse	Human	Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

AP2 beta; Monoclonal Antibody; AP2 beta Antibody; Activating enhancer binding protein 2 beta antibody; Activating enhancer-binding protein 2-beta antibody; AP 2B antibody; AP2 B antibody; AP2-beta antibody; AP2B antibody; AP2B_HUMAN antibody; AP2beta antibody; MGC21381 antibody; OTTHUMP00000039925 antibody; PDA2 antibody; TFAP 2B antibody; Tfpap2b antibody; Transcription factor AP 2 beta antibody; Transcription factor AP-2-beta antibody; Transcription factor AP2 beta antibody; anti-TFAP2B antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Clone Number	G1-F7
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-TFAP2B antibody	FCM/FACS (Flow Cytometry), 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 SK-N-SH cells with AP2 beta antibody at 1/100 dilution (green) compared with an unlabelled control (cells without incubation with primary antibody; red).



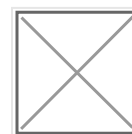
WB (Western Blot)

Western blot analysis of AP2 beta on SK-N-SH cell lysate using anti- AP2 beta antibody at 1/1, 000 dilution.



WB (Western Blot)

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



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-TFAP2B 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-TFAP2B antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	118582289
NCBI GeneID	7021
NCBI Accession #	NP_003212.2
NCBI GenBank Nucleotide #	NM_003221.3
UniProt Accession #	Q92481; Q5JYX6; Q9NQ63; Q9NU99; Q9UJI7; Q9Y214; Q9Y3K3
Molecular Weight	50,474 Da
NCBI Official Full Name	transcription factor AP-2-beta
NCBI Official Synonym Full Names	transcription factor AP-2 beta (activating enhancer binding protein 2 beta)
NCBI Official Symbol	TFAP2B
NCBI Official Synonym Symbols	AP-2B; AP2-B; MGC21381
NCBI Protein Information	transcription factor AP-2-beta; AP2-beta; OTTHUMP00000016595; activating enhancer binding protein 2 beta; activating enhancer-binding protein 2-beta
UniProt Protein Name	Transcription factor AP-2-beta
UniProt Gene Name	TFAP2B
UniProt Entry Name	AP2B_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/ap2-beta-antibody-clone-g1-f7-flow-cytometry-western-blot-elisa/312057>