

Rabbit anti-Human, Rat AP2 alpha Polyclonal Antibody | anti-TFAP2A antibody

Anti-AP2 alpha Antibody

CATALOG # AAA45666	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Western Blot
------------------------------	-----------------------	---------------------------------	-------------------------------------

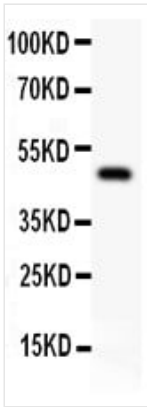
PRODUCT SYNONYMS

AP2 alpha; Polyclonal Antibody; Anti-AP2 alpha Antibody; Transcription factor AP-2-alpha; transcription factor AP-2 alpha (activating enhancer binding protein 2 alpha); 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

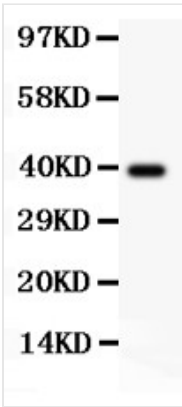
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	437
Applicable Applications for anti-TFAP2A antibody	WB (Western Blot)
Immunogen	E Coli-derived human AP2 alpha recombinant protein (Position: M1-G166). Human AP2 alpha shares 98% amino acid (aa) sequence identity with both mouse and rat AP2 alpha.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)
Anti-AP2 alpha Picoband antibody, AAA45666-2.jpgAll lanes: Anti AP2A (AAA45666) at 0.5ug/mlWB: Rat Spleen Tissue Lysate at 50ugPredicted bind size: 48KDObserved bind size: 48KD



Application Data
Anti-AP2 alpha Picoband antibody, AAA45666-1.jpgAll lanes: Anti AP2A (AAA45666) at 0.5ug/mlWB: Recombinant Human AP2A Protein 0.5ngPredicted bind size: 38KDObserved bind size: 38KD

ADDITIONAL INFORMATION

Related Product Information for anti-TFAP2A antibody	Description: Rabbit IgG polyclonal antibody for Transcription factor AP-2-alpha(TFAP2A) detection. Tested with WB in Human, Rat. Background: TFAP2A, also known as AP-2alpha or BOFS, is a protein that in humans is encoded by the TFAP2A gene. It is mapped to 6p24.3. The protein encoded by this gene is a transcription factor that binds the consensus sequence 5'-GCCNNNGGC-3'. The encoded protein functions as either a homodimer or as a heterodimer with similar family members. This protein activates the transcription of some genes while inhibiting the transcription of others. TFAP2A acts as a sequence-specific DNA-binding transcription factor recognizing and binding to the specific DNA sequence and recruiting transcription machinery. This gene is expressed in neural crest cell lineages with the highest levels of expression corresponding to early neural crest cells, suggesting that TFAP2A plays a role in their differentiation and development.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	135302
NCBI GeneID	7020
UniProt Accession #	P05549; Q13777; Q5TAV5; Q8N1C6
Molecular Weight	47,440 Da
NCBI Official Full Name	Transcription factor AP-2-alpha
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.

