Rabbit AP2 alpha/beta Polyclonal Antibody | anti-TFAP2A antibody

Anti-AP2 alpha/beta Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA104426	**Rabbit**	**Human, Mouse, Rat, Chicken, Pig, Sheep**	**Gel Super Shift Assay, Chromatin Immunoprecipitation, Immunoprecipitation, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

AP2 alpha/beta; Polyclonal Antibody; Anti-AP2 alpha/beta Antibody; TFAP2A; AP2TF; TFAP2; Transcription factor AP-2-alpha; AP2-alpha; AP-2 transcription factor; Activating enhancer-binding protein 2-alpha; Activator protein 2; AP-2; TFAP2B; Transcription factor AP-2-beta; AP2-beta; Activating enhancer-binding protein 2-beta; anti-TFAP2A antibody

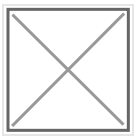
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Chicken, Pig, Sheep
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of AP2 alpha/beta protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	431
Applicable Applications for anti-TFAP2A antibody	EMSA (Electrophoretic Mobility Shift Assay), ChIP (Chromatin immunoprecipitation), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human AP2 alpha/beta. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

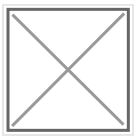
IMAGES

ChIP (Chromatin Immunoprecipitation)

IF (Immunofluorescence)
Immunofluorescent analysis of TGF beta 1 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohiostchemistry)
Immunohistochemical analysis of TGF beta 1 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)
Western blot analysis of TGF beta 1 expression in HeLa (A), MCF7 (B), SP2/0 (C), H9C2 (D) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-TFAP2A antibody	Rabbit polyclonal antibody to AP2 alpha/beta

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	47,440 Da
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/polyclonal/ap2-alpha-beta-antibody-electrophoretic-mobility-shift-assay-chromatin-immunoprecipitation-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/104426