

Rabbit anti-Human, Rat TFAP4 Polyclonal Antibody | anti-TFAP4 antibody

(KO Validated) TFAP4 Polyclonal Antibody

CATALOG # AAA179069	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Immunofluorescence, Western Blot
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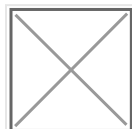
PRODUCT SYNONYMS

TFAP4; Polyclonal Antibody; (KO Validated) TFAP4 Polyclonal Antibody; AP-4; bHLHc41; anti-TFAP4 antibody

PRODUCT SPECIFICATIONS

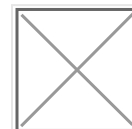
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH 7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-TFAP4 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthetic peptide of human TFAP4
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



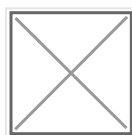
IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using TFAP4 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



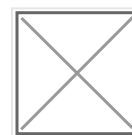
IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using TFAP4 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts from normal (control) and TFAP4 knockout (KO) HeLa cells using TFAP4 Polyclonal Antibody at 1:500 dilution.



WB (Western Blot)

Western blot analysis of extracts of various cell lines using TFAP4 Polyclonal Antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-TFAP4 antibody

Transcription factors of the basic helix-loop-helix-zipper (bHLH-ZIP) family contain a basic domain, which is used for DNA binding, and HLH and ZIP domains, which are used for oligomerization. Transcription factor AP4 activates both viral and cellular genes by binding to the symmetrical DNA sequence CAGCTG (Mermod et al., 1988 [PubMed 2833704]; Hu et al., 1990 [PubMed 2123466]). [supplied by OMIM, Jul 2009]

Product Categories/Family for anti-TFAP4 antibody	Antibodies; Primary Antibodies; Polyclonal Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	197333751
NCBI GeneID	7023
NCBI Accession #	NP_003214.1
NCBI GenBank Nucleotide #	NM_003223
UniProt Accession #	Q01664; O60409
Molecular Weight	38,726 Da
NCBI Official Full Name	Homo sapiens transcription factor AP-4 (activating enhancer binding protein 4) (TFAP4), mRNA
NCBI Official Synonym Full Names	transcription factor AP-4 (activating enhancer binding protein 4)
NCBI Official Symbol	TFAP4
NCBI Official Synonym Symbols	AP-4; bHLHc41
NCBI Protein Information	transcription factor AP-4; activating enhancer-binding protein 4; class C basic helix-loop-helix protein 41; transcription factor AP-4 (activating enhancer-binding protein 4)
UniProt Protein Name	Transcription factor AP-4
UniProt Gene Name	TFAP4
UniProt Synonym Gene Names	BHLHC41; bHLHc41
UniProt Entry Name	TFAP4_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/tfap4-antibody-immunofluorescence-western-blot-elisa/179069>