

## Product datasheet for **TA382450**

### TFAP4 Rabbit Polyclonal Antibody

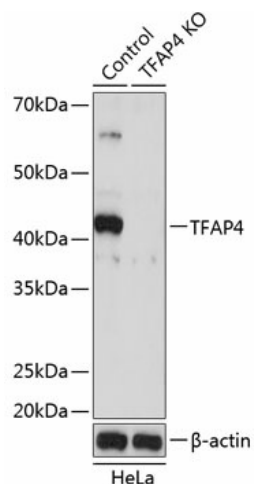
#### Product data:

Product Type:	Primary Antibodies
Applications:	ICC/IF, WB
Recommended Dilution:	WB,1:200 - 1:2000 IF,1:50 - 1:200
Reactivity:	Human, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic Peptide of human TFAP4
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	38kDa
Gene Name:	transcription factor AP-4 (activating enhancer binding protein 4)
Database Link:	<a href="#">Entrez Gene 7023 Human Q01664</a>
Background:	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]
Synonyms:	AP-4; bHLHc41

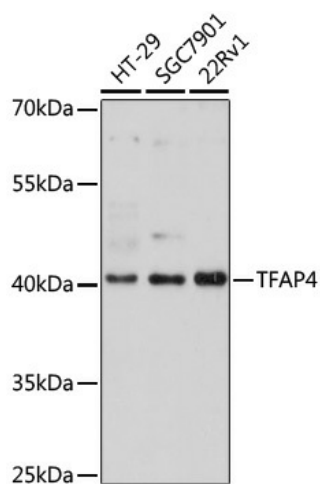


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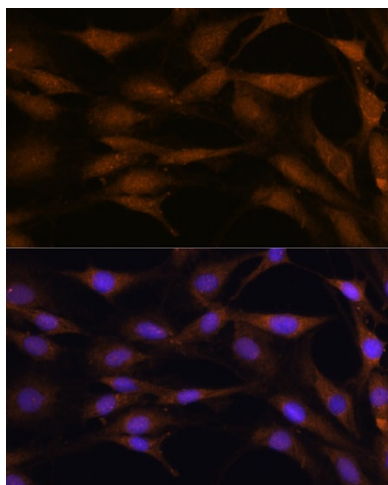
## Product images:



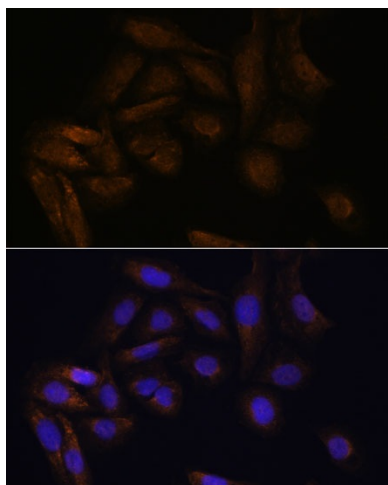
Western blot analysis of extracts from normal (control) and TFAP4 knockout (KO) HeLa cells, using TFAP4 antibody (TA382450) at 1:500 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 60S.



Western blot analysis of extracts of various cell lines, using TFAP4 antibody (TA382450) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 3min.



Immunofluorescence analysis of C6 cells using TFAP4 antibody (TA382450) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using TFAP4 antibody (TA382450) at dilution of 1:100. Blue: DAPI for nuclear staining.