

[KO Validated] TFAP4 Antibody

CAB16727

Description

This [KO Validated] TFAP4 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: CAB16727
Contents: 20 µL, 100 µL
Bradford Reagent: 1 vial (2ml)
Category: Polyclonal Antibody
Synonyms: AP-4, bHLHc41, P4
Clone: -
Applications: **WB** **IF/ICC** **ELISA**
Conjugation: Unconjugated
Reactivity: Human, Rat

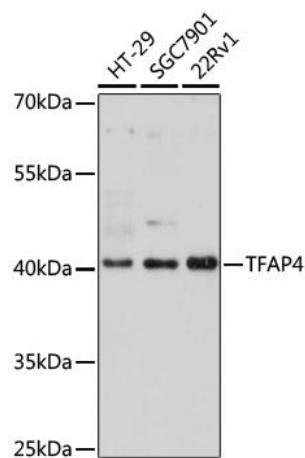
Antibody Data

Gene ID: 7023
Uniprot: AB_2772573
Host Species: Rabbit
Purification: Affinity purification
Observed MW: 42kDa
Calculated MW: 39kDa

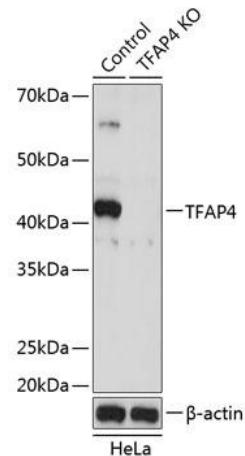
Preparation & Storage

Storage:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.						
	Store Bradford Reagent at Room Temperature for 1 Year.						
Positive Sample:	HT-29, SGC-7901, 22Rv1, HeLa						
Recommended Dilutions:	<table border="1"> <tr> <td>WB</td><td>1:200 - 1:2000</td></tr> <tr> <td>IF/ICC</td><td>1:50 - 1:200</td></tr> <tr> <td>ELISA</td><td>Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.</td></tr> </table>	WB	1:200 - 1:2000	IF/ICC	1:50 - 1:200	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
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Protein Quantification (Optional):	To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol						

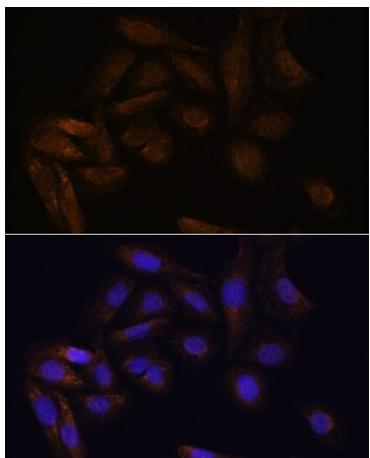
Validation Data



Western blot analysis of various lysates using [KO Validated] TFAP4 Rabbit pAb (CAB16727) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 3min.



Western blot analysis of lysates from wild type (WT) and TFAP4 knockout (KO) HeLa cells, using [KO Validated] TFAP4 Rabbit pAb (CAB16727) at 1:500 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 60S.



Immunofluorescence analysis of U-2 OS cells using [KO Validated] TFAP4 Rabbit pAb (CAB16727) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.