Datasheet for ABIN6741554

anti-TFAP2C antibody (AA 252-301)

4 Images

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Overview

Quantity:	100 µL
Target:	TFAP2C
Binding Specificity:	AA 252-301
Reactivity:	Human, Mouse, Rat, Dog, Cow, Pig, Zebrafish (Danio rerio), Monkey, Rabbit, Guinea Pig, Horse, Sheep, Chicken, Xenopus laevis, Bat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TFAP2C antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide located between aa252-301 of human TFAP2C (Q92754, NP_003213). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Galago, Marmoset, Mouse, Rat, Sheep, Elephant, Dog, Bovine, Bat, Rabbit, Horse, Pig, Opossum, Guinea pig, Turkey, Zebra finch, Chicken, Platypus, Xenopus, Seabass, Salmon, Stickleback, Zebrafish (100%), Panda, Lizard, Drosophila (92%). Type of Immunogen: Synthetic peptide
Isotype:	IgG

Product Details

Specificity:	Human TFAP2C / AP2 Gamma
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Rat, Dog, Bovine, Rabbit, Horse, Pig, Guinea pig, Chicken, Xenopus, Zebrafish (100%).
Purification:	Immunoaffinity purified

Target Details

Target:	TFAP2C
Alternative Name:	TFAP2C / AP2 Gamma (TFAP2C Products)
Background:	Name/Gene ID: TFAP2C Synonyms: TFAP2C, AP2 Gamma, AP-2 gamma, ERF-1, ERF1, HAP-2g, Transcription factor ERF-1, TFAP2G, AP2-GAMMA, Estrogen receptor factor 1
Gene ID:	7022
NCBI Accession:	NP_003213
UniProt:	Q92754
Pathways:	Stem Cell Maintenance

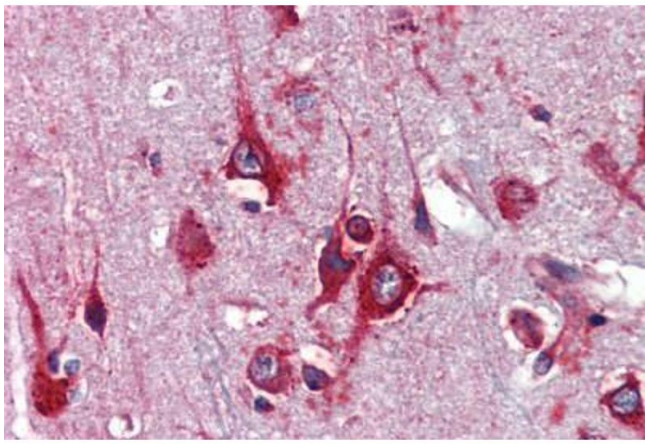
Application Details

Application Notes:	Approved: IHC, IHC-P (5 µg/mL), WB Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 5 µg/mL. ELISA titer using peptide based assay: 1:62500. Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1:50000 - 100000 as second antibody.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

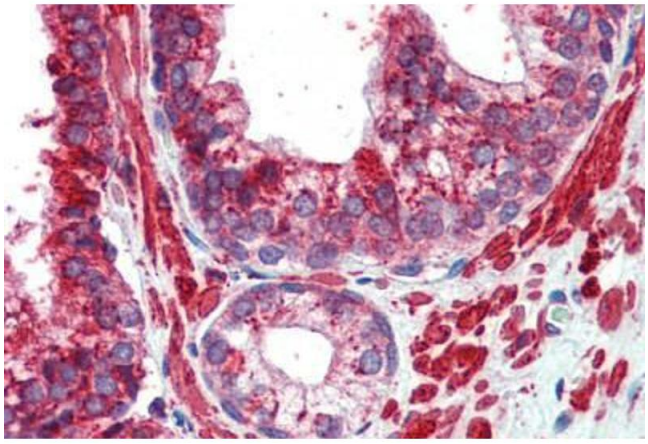
Format:	Lyophilized
Reconstitution:	Distilled Water.
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



Immunohistochemistry (Paraffin-embedded Sections)

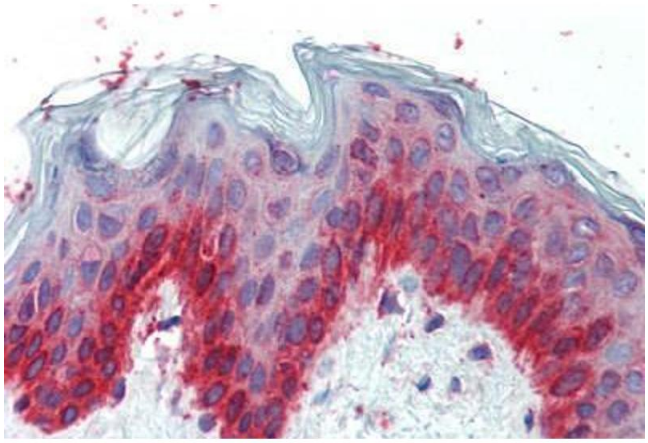
Image 1. Human Brain, Cortex (formalin-fixed, paraffin-embedded) stained with TFAP2C antibody ABIN462192 followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Human Prostate (formalin-fixed, paraffin-embedded) stained with TFAP2C antibody ABIN462192 followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Human Skin (formalin-fixed, paraffin-embedded) stained with TFAP2C antibody ABIN462192 followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.

Please check the product details page for more images. Overall 4 images are available for ABIN6741554.