

# Product Datasheet

## AP2 alpha Antibody - BSA Free NBP2-38809

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-38809**

AP2 alpha Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

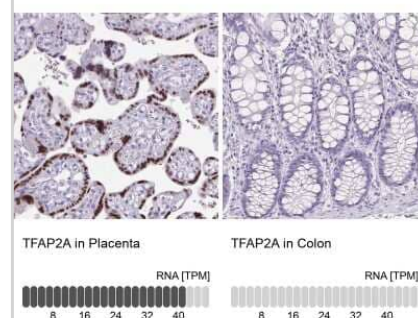
<b>Host</b>	Rabbit
<b>Gene ID</b>	7020
<b>Gene Symbol</b>	TFAP2A
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against a recombinant protein corresponding to amino acids: GQRQSQESGLLHTRGLPHQLSGLDP

**Product Application Details**

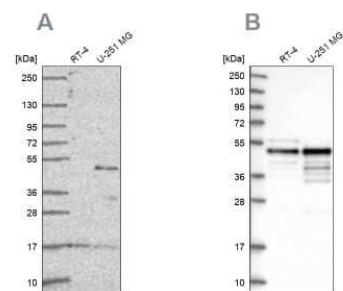
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

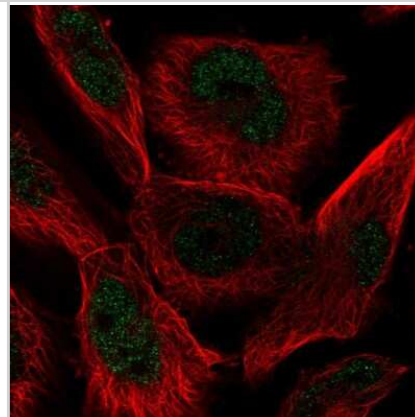
Immunohistochemistry-Paraffin: AP2 alpha Antibody [NBP2-38809] - Staining in human placenta and colon tissues using anti-TFAP2A antibody. Corresponding TFAP2A RNA-seq data are presented for the same tissues.



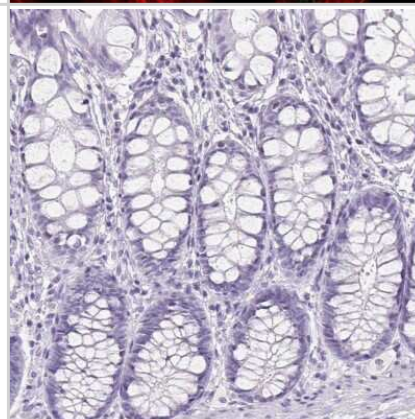
Western Blot: AP2 alpha Antibody [NBP2-38809] - Analysis using Anti-TFAP2A antibody NBP2-38809 (A) shows similar pattern to independent antibody NBP1-90143 (B).



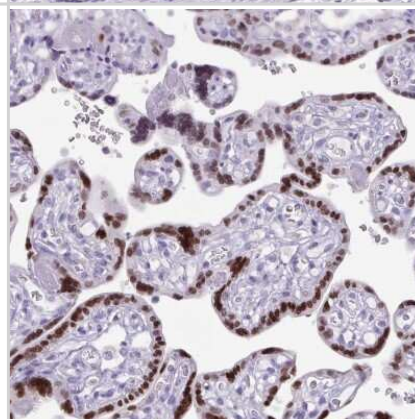
Immunocytochemistry/Immunofluorescence: AP2 alpha Antibody [NBP2-38809] - Staining of human cell line U-251 MG shows localization to nucleoplasm. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: AP2 alpha Antibody [NBP2-38809] - Staining of human colon shows low expression as expected.



Immunohistochemistry-Paraffin: AP2 alpha Antibody [NBP2-38809] - Staining of human placenta shows high expression.





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### **Products Related to NBP2-38809**

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NBP2-38809PEP	AP2 alpha Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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