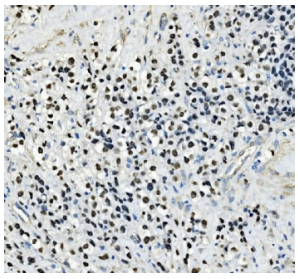
AP2 gamma Antibody / TFAP2C (RQ6807)

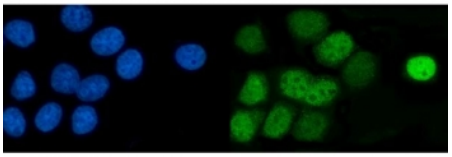
Catalog No.	Formulation	Size
RQ6807	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

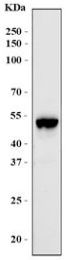
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q92754
Localization	Nuclear
Applications	Western blot: 1-2ug/ml Immunohistochemistry (FFPE): 2-5ug/ml Immunofluorescence (FFPE): 5ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This AP2 gamma antibody is available for research use only.



IHC staining of FFPE human testicular cancer tissue with AP2 gamma antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Immunofluorescent staining of FFPE human MCF7 cells with AP2 gamma antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human MCF7 cell lysate with AP2 gamma antibody. Predicted molecular weight ~49 kDa.

Description

Transcription factor AP-2 gamma also known as AP2-gamma is a protein that in humans is encoded by the TFAP2C gene. The protein encoded by this gene is a sequence-specific DNA-binding transcription factor involved in the activation of several developmental genes. The encoded protein can act as either a homodimer or heterodimer with other family members and is induced during retinoic acid-mediated differentiation. It plays a role in the development of the eyes, face, body wall, limbs, and neural tube.

Application Notes

Optimal dilution of the AP2 gamma antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids M1-N219) was used as the immunogen for the AP2 gamma antibody.

Storage

After reconstitution, the AP2 gamma antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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