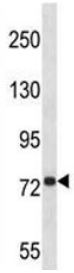
Anti-APP Antibody (F43166)

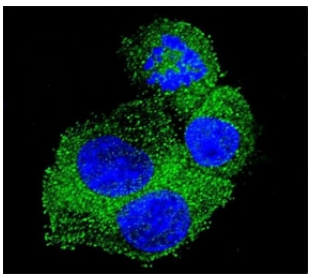
Catalog No.	Formulation	Size
F43166-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F43166-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

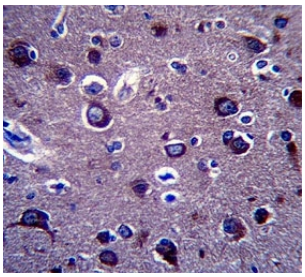
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P05067
Applications	Western Blot : 1:1000 Immunofluorescence : 1:10-1:50 IHC (Paraffin) : 1:10-1:50
Limitations	This anti-APP antibody is available for research use only.



Anti-APP antibody western blot analysis in 293 lysate. Predicted molecular weight ~79kDa.



Confocal immunofluorescent analysis of anti-APP antibody with HepG2 cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used as a nuclear counterstain (blue).



Anti-APP antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue.

Description

The APP gene encodes Amyloid beta, a cell surface receptor and transmembrane precursor protein that is cleaved by secretases to form a number of peptides. Some of these peptides are secreted and can bind to the acetyltransferase complex APBB1/TIP60 to promote transcriptional activation, while others form the protein basis of the amyloid plaques found in the brains of patients with Alzheimer disease. Mutations in this gene have been implicated in autosomal dominant Alzheimer disease and cerebroarterial amyloidosis (cerebral amyloid angiopathy). Multiple transcript variants encoding several different isoforms have been found for this gene.

Application Notes

Titration of the anti-APP antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 333-362 from the human protein was used as the immunogen for this anti-APP antibody.

Storage

Aliquot the anti-APP antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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