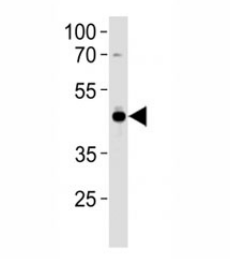
AP2 Antibody (F47549)

Catalog No.	Formulation	Size
F47549-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F47549-0.08ML	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
Predicted Reactivity	Bovine, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P05549
Applications	Western blot: 1:1000
Limitations	This AP2 antibody is available for research use only.



AP2 antibody western blot analysis in U251 lysate. Predicted molecular weight ~47 kDa.

Description

Activator protein 2 is a sequence-specific DNA-binding protein that interacts with inducible viral and cellular enhancer elements to regulate transcription of selected genes. AP-2 factors bind to the consensus sequence 5'-GCCNNNGGC-3' and activate genes involved in a large spectrum of important biological functions including proper eye, face, body wall, limbs and neural tube development. They also suppress a number of genes including MCAM/MUC18, C/EBP alpha and MYC. AP-2 alpha is the only AP-2 protein required for early morphogenesis of the lens vesicle.

Application Notes

Titration of the AP2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 104-133 from the human protein was used as the immunogen for this AP2 antibody.

Storage

Aliquot the AP2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Copyright © NSJ Bioreagents. All rights reserved.