

Activator protein 2 (AP-2/TFAP2A) Rabbit pAb

Catalog No.: A21727

Basic Information

Observed MW

50kDa

Calculated MW

48kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Rat

Background

The protein encoded by this gene is a transcription factor that binds the consensus sequence 5'-GCCNNNGGC-3'. The encoded protein functions as either a homodimer or as a heterodimer with similar family members. This protein activates the transcription of some genes while inhibiting the transcription of others. Defects in this gene are a cause of branchiooculofacial syndrome (BOFS). Three transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

7020

Swiss Prot

P05549

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 100-200 of human Activator protein 2 (AP-2/TFAP2A) (NP_003211.1).

Synonyms

AP-2; BOFS; AP2TF; TFAP2; AP-2alpha; Activator protein 2 (AP-2/TFAP2A)

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

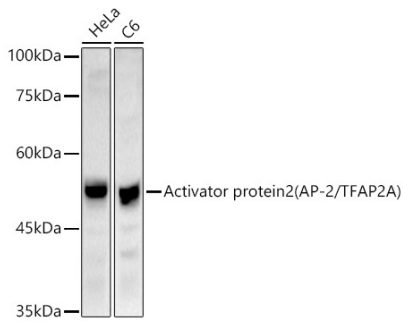
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using Activator protein 2 (AP-2/TFAP2A) antibody (A21727) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 60s.