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

Catalog No.: A0416 4 Publications

Basic Information

Observed MW
50kDa

Calculated MW
48kDa

Category
Primary antibody

Applications
ELISA,WB

Cross-Reactivity
Human

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
Recombinant fusion protein containing a sequence corresponding to amino acids 120-200 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

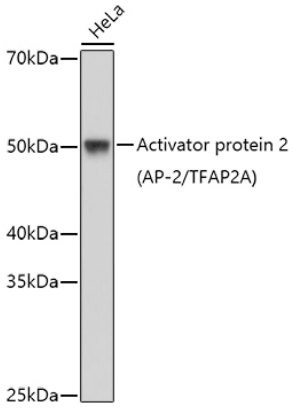
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

Validation Data



Western blot analysis of extracts of HeLa cells, using Activator protein 2 (AP-2/TFAP2A) antibody (A0416) 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: 180s.