

Product datasheet for **TA347649**

AP2 alpha (TFAP2A) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500-1:2000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-AP-2 Antibody: A synthesized peptide derived from human AP-2
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20?. Stable for 12 months from date of receipt
Concentration:	lot specific
Purification:	Immunogen affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	49 kDa
Gene Name:	transcription factor AP-2 alpha
Database Link:	NP_001035890 Entrez Gene 21418 MouseEntrez Gene 306862 RatEntrez Gene 7020 Human P05549

Background: AP-2 alpha 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, limb 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. Together with the CITED2 coactivator, stimulates the PITX2 P1 promoter transcription activation. Associates with chromatin to the PITX2 P1 promoter region.



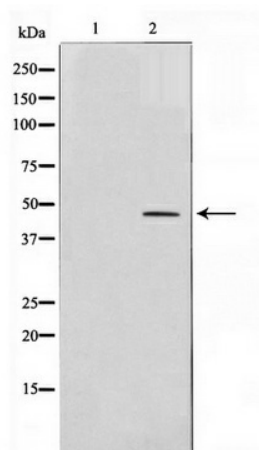
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Synonyms: AP-2; AP-2alpha; AP2TF; BOFS; TFAP2

Note: AP-2 Antibody detects endogenous levels of AP-2

Protein Families: Druggable Genome, Transcription Factors

Product images:



Western blot analysis on COLO205 cell lysate using AP-2 Antibody