

**AP2 alpha Rabbit mAb**  
Catalog # AP75083**Specification**

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**AP2 alpha Rabbit mAb - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">P05549</a>
Reactivity	<b>Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Monoclonal Antibody</b>
Calculated MW	<b>48062</b>

**AP2 alpha Rabbit mAb - Additional Information****Gene ID** 7020**Other Names**  
TFAP2A**Dilution**  
WB~~1/500-1/1000**Format**  
Liquid**AP2 alpha Rabbit mAb - Protein Information****Name** TFAP2A**Synonyms** AP2TF, TFAP2**Function**

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'-GCCNNGGC-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.

**Cellular Location**  
Nucleus.**AP2 alpha Rabbit mAb - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### AP2 alpha Rabbit mAb - Images

