

**AP2 alpha/beta Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP51553****Specification**

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**AP2 alpha/beta Antibody - Product Information**

Application	WB, ICC, IHC-P, E
Primary Accession	<a href="#">P05549</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48 KDa

**AP2 alpha/beta Antibody - Additional Information****Gene ID** 7020**Other Names**

Transcription factor AP-2-alpha, AP2-alpha, AP-2 transcription factor, Activating enhancer-binding protein 2-alpha, Activator protein 2, AP-2, TFAP2A, AP2TF, TFAP2

**Target/Specificity**

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human AP2 alpha/beta. The exact sequence is proprietary.

**Dilution**

WB~~1:1000

ICC~~N/A

IHC-P~~N/A

E~~N/A

**Format**

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**AP2 alpha/beta Antibody - 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'-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.

**Cellular Location**

Nucleus.

**AP2 alpha/beta Antibody - 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/beta Antibody - Images****AP2 alpha/beta Antibody - Background**

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**AP2 alpha/beta Antibody - References**

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Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.