

AP-2 Alpha/Beta Antibody (aa388-437)
Rabbit Polyclonal Antibody
Catalog # ALS15418**Specification**

AP-2 Alpha/Beta Antibody (aa388-437) - Product Information

Application	WB, IHC
Primary Accession	P05549
Other Accession	O95782 , O94973 , P63010 , O92481
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

AP-2 Alpha/Beta Antibody (aa388-437) - 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

AP-2 Antibody detects endogenous levels of total AP-2 protein.

Reconstitution & Storage

Store at -20°C for up to one year.

Precautions

AP-2 Alpha/Beta Antibody (aa388-437) is for research use only and not for use in diagnostic or therapeutic procedures.

AP-2 Alpha/Beta Antibody (aa388-437) - 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.

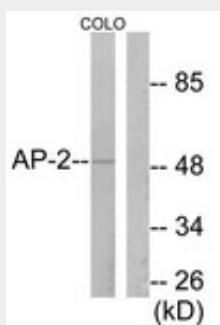
Volume
50 μ l

AP-2 Alpha/Beta Antibody (aa388-437) - Protocols

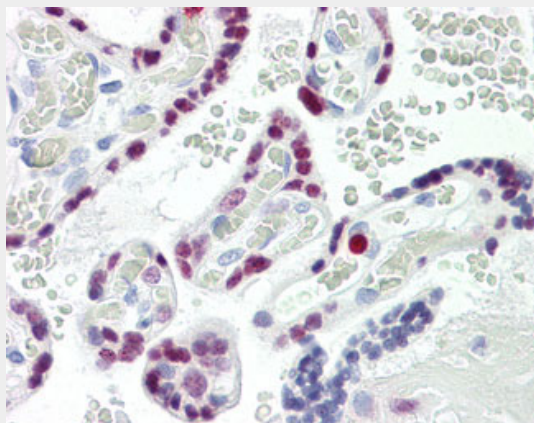
Provided below are standard protocols that you may find useful for product applications.

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

AP-2 Alpha/Beta Antibody (aa388-437) - Images



Western blot of extracts from COLO205 cells, using AP-2 Antibody.



Anti-AP-2 Alpha/Beta antibody IHC of human placenta.