

## ARG63752 anti-AP2 gamma antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes AP2 gamma
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog, Pig
Tested Application	IHC-P
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	AP2 gamma
Species	Human
Immunogen	C-NKTLEKMEKHRK
Conjugation	Un-conjugated
Alternate Names	ERF1; TFAP2G; hAP-2g; Transcription factor ERF-1; Transcription factor AP-2 gamma; AP2-GAMMA; Activating enhancer-binding protein 2 gamma; AP2-gamma

### Application Instructions

Application table	Application	Dilution
	IHC-P	2 - 3 µg/ml

**Application Note**  
IHC-P: Antigen Retrieval: Steam tissue section in Tris/EDTA buffer (pH 9.0).  
\* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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### Database links

[GeneID: 7022 Human](#)

[Swiss-port # Q92754 Human](#)

### Background

The protein encoded by this gene is a sequence-specific DNA-binding transcription factor involved in the activation of several developmental genes. The encoded protein can act as either a homodimer or heterodimer with other family members and is induced during retinoic acid-mediated differentiation. It plays a role in the development of the eyes, face, body wall, limbs, and neural tube. [provided by RefSeq, Jul 2008]

### Research Area

Cell Biology and Cellular Response antibody; Gene Regulation antibody

### Calculated Mw

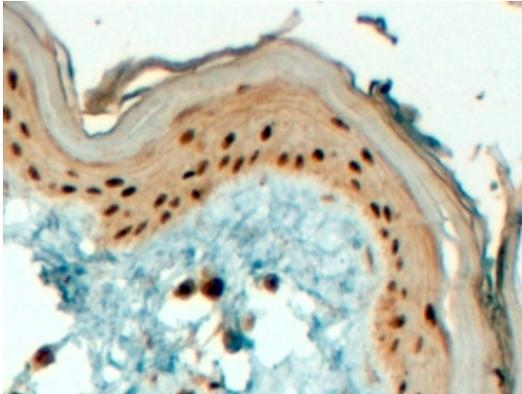
49 kDa

### PTM

Sumoylated on Lys-10; which inhibits transcriptional activity.

## Images

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ARG63752 anti-AP2 gamma antibody IHC-P image

Immunohistochemistry: Paraffin embedded Human Skin. (Steamed antigen retrieval with Tris/EDTA buffer pH 9) stained with ARG63752 anti-AP2 gamma antibody at 4 µg/ml dilution followed by HRP-staining.