



# Rabbit Anti-Human AP2 alpha monoclonal antibody, clone S.498.0 (CABT-L1633)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Target</b>	TFAP2A
<b>Immunogen</b>	Synthetic peptide corresponding to human AP-2a
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse, Non-human primate, Rat
<b>Clone</b>	S.498.0
<b>Purification</b>	Affinity Purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ICC, IF, WB
<b>Format</b>	Liquid
<b>Buffer</b>	0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/ml BSA, 50% glycerol
<b>Preservative</b>	See individual product datasheet
<b>Storage</b>	-20°C

## BACKGROUND

<b>Introduction</b>	The protein encoded by this gene is a transcription factor that binds the consensus sequence 5'-GCCNNNGGC-3'. The encoded protein functions as either a homodimer or as a heterodimer
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with similar family members. This protein activates the transcription of some genes while inhibiting the transcription of others. Defects in this gene are a cause of branchiooculofacial syndrome (BOFS). Three transcript variants encoding different isoforms have been found for this gene.

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**Keywords**

TFAP2A;transcription factor AP-2 alpha (activating enhancer binding protein 2 alpha);AP-2;BOFS;AP2TF;TFAP2;AP-2alpha;transcription factor AP-2-alpha;AP2-alpha;activator protein 2;AP-2 transcription factor;activating enhancer-binding protein 2-alpha

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## GENE INFORMATION

**Entrez Gene ID**

[7020](#)

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**UniProt ID**

[P05549](#)

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