

Datasheet for ABIN3031038
anti-TFAP2A antibody (AA 104-133)



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2 Images

Overview

Quantity:	0.4 mL
Target:	TFAP2A
Binding Specificity:	AA 104-133
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TFAP2A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A portion of amino acids 104-133 from the human protein was used as the immunogen for this AP2 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Bovine, Mouse, Rat
Purification:	Antigen affinity purified

Target Details

Target:	TFAP2A
Alternative Name:	AP2 alpha (TFAP2A, Activator protein 2) (TFAP2A Products)
Background:	Activator protein 2 is a sequence-specific DNA-binding protein that interacts with inducible viral

Target Details

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, limbs 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.

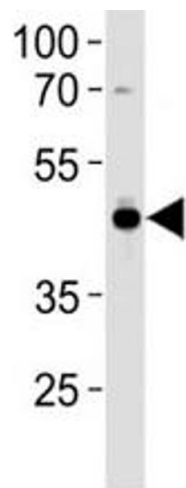
UniProt:	P05549
Pathways:	Caspase Cascade in Apoptosis , EGFR Signaling Pathway , Response to Water Deprivation , Sensory Perception of Sound , Tube Formation , Embryonic Body Morphogenesis , Brown Fat Cell Differentiation , Lipid Metabolism

Application Details

Application Notes:	Titration of the AP2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000
Restrictions:	For Research Use only

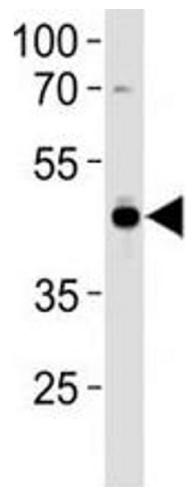
Handling

Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the AP2 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

Image 1. AP2 antibody western blot analysis in U251 lysate.
Predicted molecular weight ~47 kDa.



Western Blotting

Image 2. AP2 antibody western blot analysis in U251 lysate.
Predicted molecular weight ~47 kDa.