Datasheet for ABIN265311

anti-TFAP2A antibody

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Overview

Quantity:	0.1 mg
Target:	TFAP2A
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TFAP2A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Specificity:	This antibody detects endogenous levels of TFAP2A / AP-2 alpha protein (region surrounding Lys431).
Cross-Reactivity (Details):	Species reactivity (expected):Mouse and Rat. Species reactivity (tested):Human.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity chromatography using epitope-specific immunogen
Purity:	> 95 % pure by SDS-PAGE

Target Details

Target:	TFAP2A
Alternative Name:	TFAP2A / AP-2 alpha (TFAP2A Products)

Target Details

Background:	The AP2 proteins are normally expressed in ectodermally derived vertebrate tissues where they are necessary for normal growth and development. The factors have also been implicated in the control of cell proliferation, viral transformation, and oncogenesis. AP2 seems to play in important role in human breast cancer.AP2 alpha is the only AP2 protein required for early morphogenesis of the lens vesicle. AP2 beta appears to be required for normal face and limb development and for proper terminal differentiation and function of renal tubular epithelia.Synonyms: AP-2 transcription factor, AP2, AP2TF, Activating enhancer-binding protein 2-alpha, Activator protein 2, TFAP2
Molecular Weight:	approx. 50 kDa
Gene ID:	7020
NCBI Accession:	NP_001027451
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:	ELISA: 1: 10000approx. 1: 20000. WB: 1: 500approx. 1: 1000. IHC: 1: 50approx. 1: 200. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.2, 0.05 % 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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

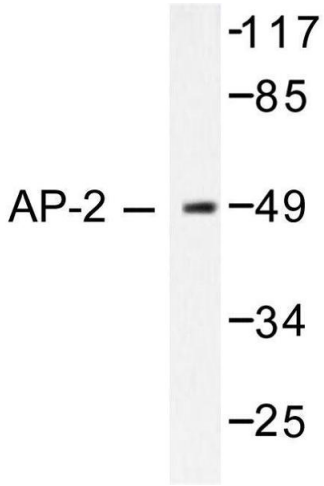

Image 1.

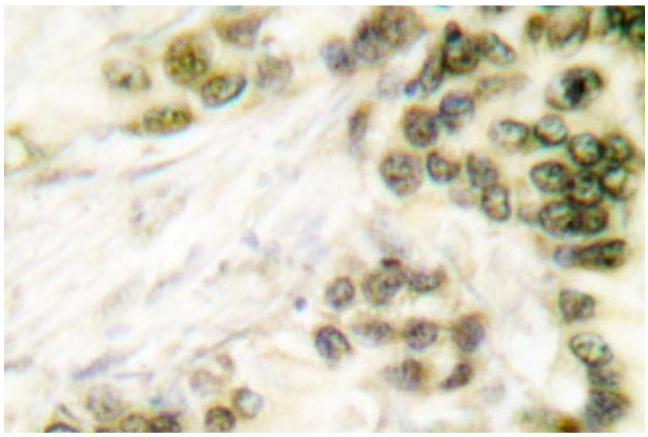

Image 2.