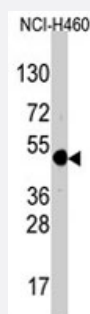


TFAP2A polyclonal antibody

Catalog # PAB3818

Size 400 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of TFAP2A polyclonal antibody (Cat # PAB3818) in NCI-H460 cell line lysates (35 ug/lane). TFAP2A (arrow) was detected using the purified polyclonal antibody (1:1000 dilution).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of TFAP2A.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human TFAP2A.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein A purification
Recommend Usage	Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

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Gene Info — TFAP2A

Entrez GeneID	7020
Protein Accession#	NP_003211;P05549
Gene Name	TFAP2A
Gene Alias	AP-2, AP-2alpha, AP2TF, BOFS, TFAP2
Gene Description	transcription factor AP-2 alpha (activating enhancer binding protein 2 alpha)
Omim ID	107580
Gene Ontology	Hyperlink
Gene Summary	AP2-alpha is a 52-kD retinoic acid-inducible and developmentally regulated activator of transcription that binds to a consensus DNA-binding sequence CCCCAGGC in the SV40 and metallothionein (MIM 156350) promoters.[supplied by OMIM]
Other Designations	OTTHUMP00000016013 OTTHUMP00000016014 activating enhancer-binding protein 2 alpha transcription factor AP-2 alpha transcription factor AP-2 alpha (activating enhancer-binding protein 2 alpha)

Publication Reference

- [PPARalpha and AP-2alpha regulate bombesin receptor subtype 3 expression in ozone-stressed bronchial epithelial cells.](#)

Tan YR, Qin XQ, Xiang Y, Yang T, Qu F, Wang Y, Liu HJ, Weber HC.

The Biochemical Journal 2007 Jul; 405(1):131.

Application: WB-Ce, Human, Human bronchial epithelial cells

- [AP-2 participates in the transcriptional control of the amyloid precursor protein \(APP\) gene in oral squamous cell carcinoma.](#)

Provenzano MJ, Yu L, Hitchler MJ, Fitzgerald MP, Robinson RA, Wayne S, Ver Meer M, Domann FE.

Experimental and Molecular Pathology 2007 Jun; 83(2):277.

- [Nucleophosmin acts as a novel AP2alpha-binding transcriptional corepressor during cell differentiation.](#)

Liu H, Tan BC, Tseng KH, Chuang CP, Yeh CW, Chen KD, Lee SC, Yung BY.

EMBO Reports 2007 Apr; 8(4):394.

Application: ChIP, WB, Human, HL-60 cells

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Spinal Dysraphism](#)