

DNAxPAb

Hard-to-Find
Antibody

ATF2 DNAxPab

Catalog # H00001386-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ATF2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MKFKLHVNSARQYKDLWNMSDDKPFLCTAPGCGQRFTNEDHLAVHKKHKHEMTLKFGPARNDS VIVADQTPTPTRFLKNCEEVGLFNELASPFENEFFKKASEDDIKMPLDLSPLATPIIRSKIEEPSVV ETTHQDSPLPHPESTTSDEKEVPLAQTAQPTSAVRPASLQVPNVLLTSSDSSVIIQQAVPSPTSS TVITQAPSSNRPIV
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — ATF2

Entrez GeneID	1386
GeneBank Accession#	BC026175.1
Protein Accession#	AAH26175.1
Gene Name	ATF2
Gene Alias	CRE-BP1, CREB2, HB16, MGC111558, TREB7
Gene Description	activating transcription factor 2
Omim ID	123811
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a transcription factor that is a member of the leucine zipper family of DNA binding proteins. This protein binds to the cAMP-responsive element (CRE), an octameric palindromic. The protein forms a homodimer or heterodimer with c-Jun and stimulates CRE-dependent transcription. The protein is also a histone acetyltransferase (HAT) that specifically acetylates histones H2B and H4 in vitro; thus it may represent a class of sequence-specific factors that activate transcription by direct effects on chromatin components. Additional transcript variants have been identified but their biological validity has not been determined. [provided by RefSeq]
Other Designations	OTTHUMP00000163262 activating transcription factor 2 splice variant ATF2-var2 cAMP responsive element binding protein 2, formerly

Pathway

- [MAPK signaling pathway](#)

Disease

- [Bipolar Disorder](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)

- [Schizophrenia](#)
- [Tobacco Use Disorder](#)