

EBF3 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP58145

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q9H4W6
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	64864
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human EB3
Epitope Specificity	75-185/281
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm, cytoskeleton.
SIMILARITY	Belongs to the MAPRE family. Contains 1 CH (calponin-homology) domain. Contains 1 EB1 C-terminal domain.
SUBUNIT	Interacts with APC2 (By similarity). Interacts with DCTN1 and SRCIN1. Binds to the C-terminal domain of APC. Binds monomeric and polymerized tubulin.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	May be involved in microtubule polymerization, and spindle function by stabilizing microtubules and anchoring them at centrosomes. May play a role in cell migration.

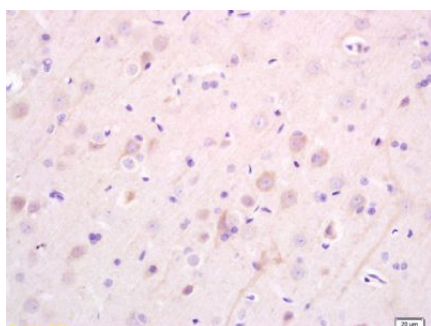
Additional Information

Gene ID	253738
Other Names	Transcription factor COE3, Early B-cell factor 3, EBF-3, Olf-1/EBF-like 2, O/E-2, OE-2, EBF3, COE3
Target/Specificity	Predominantly expressed in brain and muscle.
Dilution	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500, ELISA=1:5000-10000
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	EBF3
Synonyms	COE3
Function	Transcriptional activator (PubMed: 28017370 , PubMed: 28017372 , PubMed: 28017373). Recognizes variations of the palindromic sequence 5'-ATTCCCNNGGGAATT-3' (By similarity).
Cellular Location	Nucleus.
Tissue Location	Expressed in brain..

Images



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-EB3 Polyclonal Antibody, Unconjugated(AP58145) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.