

**EBF3 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP58145**

**Specification**

**EBF3 Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	<a href="#">O9H4W6</a>
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	25 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human EB3
Epitope Specificity	75-185/281
Isotype	IgG
<b>Purity</b>	
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.

**EBF3 Polyclonal Antibody - 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**

<span class = "dilution\_WB">WB~~1:1000</span><br \><span class

=>IHC-P~N/A</span><br \><span class  
=>IHC-F~N/A</span><br \><span class  
=>IF~~1:50~200</span><br \><span class =>E~N/A</span>

**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.

**EBF3 Polyclonal Antibody - Protein Information**

**Name** EBF3

**Synonyms** COE3

**Function**

Transcriptional activator (PubMed:<a href="http://www.uniprot.org/citations/28017370" target="\_blank">28017370</a>, PubMed:<a href="http://www.uniprot.org/citations/28017372" target="\_blank">28017372</a>, PubMed:<a href="http://www.uniprot.org/citations/28017373" target="\_blank">28017373</a>). Recognizes variations of the palindromic sequence 5'-ATTCCCNNGGGAATT-3' (By similarity).

**Cellular Location**

Nucleus.

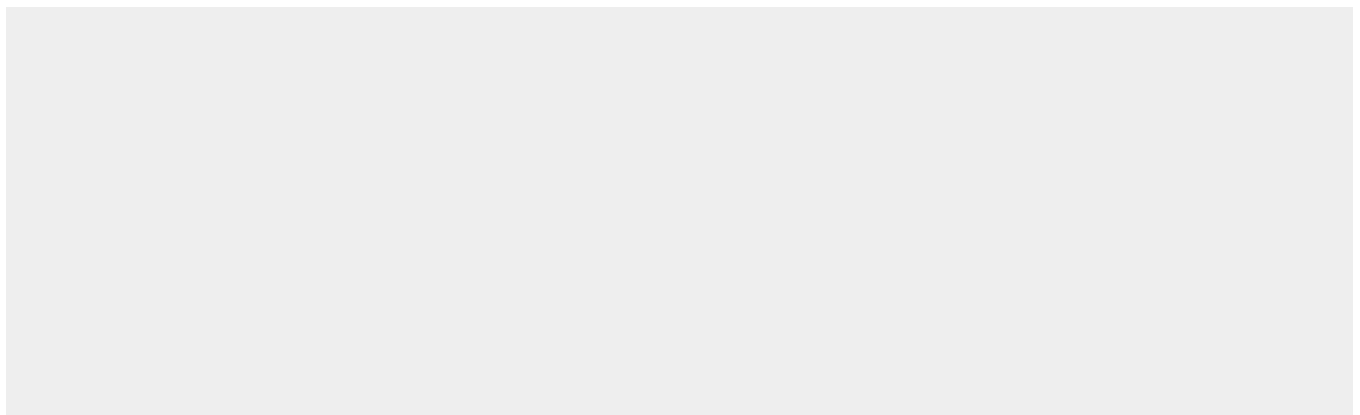
**Tissue Location**

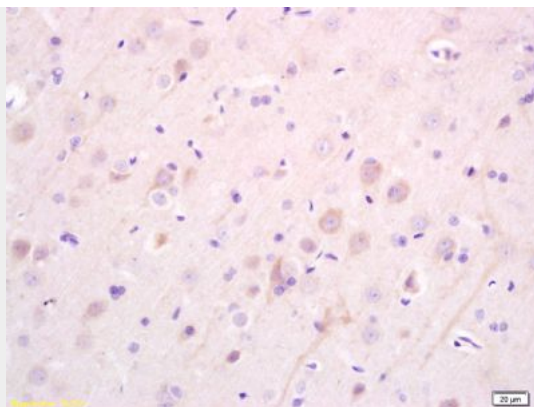
Expressed in brain..

**EBF3 Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**EBF3 Polyclonal Antibody - 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(bs-4275R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining