

Product datasheet for **AP01471PU-N**

FUBP3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Western Blot: 1/500-1/1000. Immunohistochemistry on Paraffin Sections: 1/50-1/200.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide, corresponding to amino acids 210-254 of Human FBP3.
Specificity:	This antibody detects endogenous levels of FBP3 protein. (region surrounding Arg241)
Formulation:	Phosphate buffered saline (PBS), pH~7.2 State: Aff - Purified State: Liquid purified Ig fraction (> 95% pure by SDS-PAGE) Preservative: 0.05% Sodium Azide
Concentration:	1.0 mg/ml
Purification:	Affinity Chromatography using epitope-specific immunogen
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	~60 kDa
Gene Name:	far upstream element binding protein 3
Database Link:	<u>Entrez Gene 320267 Mouse</u> <u>Entrez Gene 362106 Rat</u> <u>Entrez Gene 8939 Human Q96I24</u>



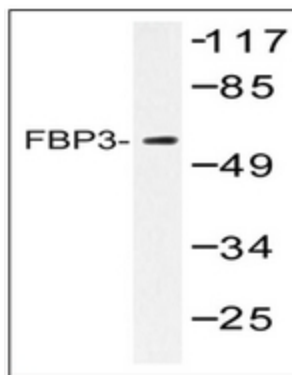
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Background:

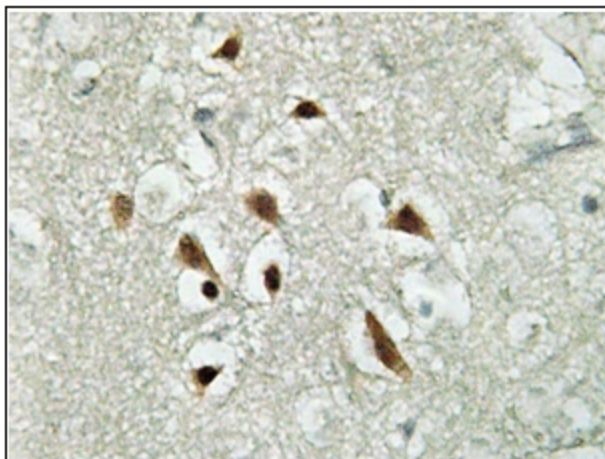
Activation of FUSE, the far-upstream element, is required for the proper expression of the mammalian gene c-Myc in undifferentiated cells. The binding of FBP (FUSE-binding protein) to FUSE is necessary for c-Myc expression, indicating that FBP functions as a growth-dependent regulator of c-Myc expression. Isolated from proliferating HL60 cells, FBP, FBP2, and FBP3 comprise a family of single-stranded DNA-binding proteins that specifically bind to FUSE elements. The FBP transcription factors share a conserved central DNA-binding domain and show significant homology in their carboxylterminal activation domains. Expression of FBP is detected in undifferentiated cells and is substantially decreased following cellular differentiation.

Synonyms:

FBP3, FUSE-binding protein 3

Product images:

Western blot analysis of FBP3 antibody in extracts from COLO cells.



Immunohistochemistry analysis of FBP3 antibody in paraffin-embedded human brain tissue.