

Product datasheet for **TA319801**

ZBTB5 Rabbit Polyclonal Antibody

Product data:

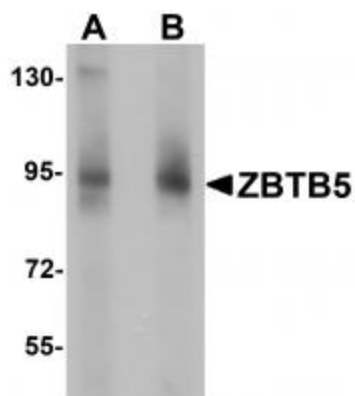
Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, ICC: 2.5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	ZBTB5 antibody was raised against a 16 amino acid synthetic peptide near the carboxy terminus of human ZBTB6.
Formulation:	ZBTB5 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	ZBTB5 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	zinc finger and BTB domain containing 5
Database Link:	NP_055687 Entrez Gene 230119 Mouse Entrez Gene 298084 Rat Entrez Gene 9925 Human O15062
Background:	ZBTB5 Antibody: The ZBTB family of proteins is comprised of diverse zinc finger proteins that also contain a BTB (BR-C, ttk and bab) domain. ZBTB5 was identified through sequence analysis as a POZ domain Kruppel-like zinc finger (POK) protein. Further experiments indicated that it binds DNA and can directly repress transcription of the cell cycle arrest gene p21. ZBTB5 can also interact with co-repressor histone deacetylase complexes such as BCoR, NCoR, and SMRT via its POZ domain, resulting in deacetylation of histones Ac-H3 and Ac-H4 at the proximal promoter. ZBTB5 stimulates both cell proliferation and cell cycle progression, suggesting that it may act as a potential proto-oncogene.
Synonyms:	OTTHUMP00000021384; OTTHUMP00000046108; zinc finger and BTB domain containing 5



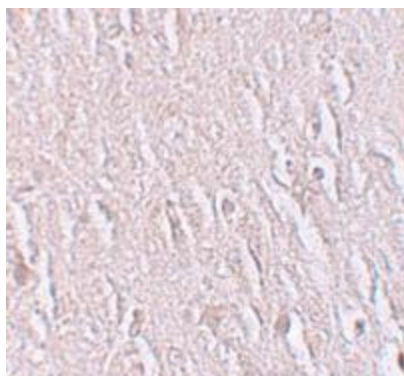
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Protein Families: Transcription Factors

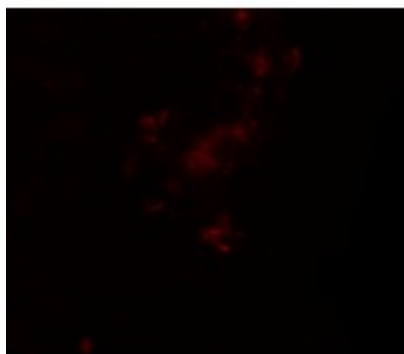
Product images:



Western blot analysis of ZBTB5 in mouse brain tissue lysate with ZBTB5 antibody at (A) 1 and (B) 2 ug/mL.



Immunohistochemistry of ZBTB5 in human brain tissue with ZBTB5 antibody at 2.5 ug/mL.



Immunofluorescence of ZBTB5 in human brain tissue with ZBTB5 antibody at 20 ug/mL.