

ZBTB1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP55202

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q9Y2K1
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	82016

Additional Information

Gene ID	22890
Other Names	Zinc finger and BTB domain-containing protein 1, ZBTB1, KIAA0997
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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	ZBTB1
Synonyms	KIAA0997
Function	Acts as a transcriptional repressor (PubMed: 20797634). Represses cAMP-responsive element (CRE)-mediated transcriptional activation (PubMed: 21706167). In addition, has a role in translesion DNA synthesis. Requires for UV-inducible RAD18 loading, PCNA monoubiquitination, POLH recruitment to replication factories and efficient translesion DNA synthesis (PubMed: 24657165). Plays a key role in the transcriptional regulation of T lymphocyte development (By similarity).
Cellular Location	Nucleus. Nucleus, nucleoplasm. Note=Localized in dot-like structures in the nucleus (PubMed:21706167). Colocalized with SMRT in nuclear bodies (PubMed:20797634). The sumoylated form is preferentially located in the nucleoplasm outside the nuclear bodies (PubMed:20797634).