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Rabbit Anti-ZBT24 antibody

SL13557R

Product Name:	ZBT24
Chinese Name:	Zinc finger protein450抗体
Alias:	ZBTB24; BIF1; ICF2; OTTHUMP00000016968; POZ (BTB) and AT hook containing zinc finger 2; ZBT24_HUMAN; Zbtb24; Zinc finger and BTB domain-containing protein 24; Zinc finger protein 450; ZNF45; PATZ2.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Horse,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	78kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ZBT24/ZNF45:451-550/697
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	This gene encodes a protein similar to a protein in rodents which is induced by bone morphogenic protein 2 in vitro. [provided by RefSeq, Aug 2011] **Function:** May be involved in BMP2-induced transcription.

Subcellular Location:
Nucleus.

Tissue Specificity:
Widely expressed, with highest levels in naive B-cells.

DISEASE:
Immunodeficiency-centromeric instability-facial anomalies syndrome 2 (ICF2) [MIM:614069]: A rare disorder characterized by a variable immunodeficiency resulting in recurrent infections, facial anomalies, and branching of chromosomes 1, 9, and 16. Other variable symptoms include growth retardation, failure to thrive, and psychomotor retardation. Laboratory studies show limited hypomethylation of DNA in a small fraction of the genome in some, but not all, patients. Note=The disease is caused by mutations affecting the gene represented in this entry.

Similarity:
Belongs to the krueppel C2H2-type zinc-finger protein family.
Contains 1 A.T hook DNA-binding domain.
Contains 1 BTB (POZ) domain.
Contains 8 C2H2-type zinc fingers.

SWISS:
O43167

Gene ID:
9841

Database links:

Entrez Gene: 9841Human

Omim: 614064Human

SwissProt: O43167Human

Unigene: 409876Human

Important Note:
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.