



ZBT7A Polyclonal Antibody

Catalog No	YP-Ab-07826
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	ZBTB7A FBI1 LRF ZBTB7 ZNF857A
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	ZBT7A Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	FBI-1;FBI1;LRF;MNDLFH;TIP21;ZBTB7;ZNF857A;pokemon;9030619K07Rik;9130006G12Rik;ZBT7A_HUMAN;ZBTB7A;Factor binding IST protein 1 (FBI-1); Factor that binds to inducer of short transcripts protein 1;HIV-1 1st-binding protein 1;Leukemia/lymphoma-related factor;POZ and Krueppel erythroid myeloid ontogenic factor (POK erythroid myeloid ontogenic factor Pokemon Pokemon 1);TTF-I-interacting peptide 21 (TIP21);Zinc finger protein 857A; ZBT7A_MOUSE;POZ and Krueppel erythroid myeloid ontogenic factor (POK erythroid myeloid ontogenic factor Pokemon);zinc finger and BTB domain containing 7A;zinc finger and BTB domain containing 7;HIV-1 inducer of short transcripts binding protein;lymphoma related factor;POK erythroid myeloid ontogenic factor;leukemia/lymphoma related factor;ZBT7A;ZBTB7A FBI1 LRF ZBTB7 ZNF857A;Zinc finger and BTB domain-containing protein 7A (Factor binding IST protein 1) (FBI-1) (Factor that binds to inducer of short transcripts protein 1) (HIV-1 1st-binding protein 1) (Leukemia/lymphoma-r
Observed Band	85 kDa
Calculated Molecular Weight	63 kDa
Cell Pathway	Nucleus . Recruited to double-strand break sites of damaged DNA. .



Tissue Specificity	Widely expressed (PubMed:9927193). In normal thymus, expressed in medullary epithelial cells and Hassle's corpuscles (at protein level) (PubMed:15662416). In tonsil, expressed in squamous epithelium and germinal center lymphocytes (at protein level) (PubMed:15662416). Up-regulated in a subset of lymphomas, as well as in a subset of breast, lung, colon, prostate and bladder carcinomas (at protein level) (PubMed:15662416). Expressed in adipose tissues (PubMed:14701838).
Function	function:Plays a key role in the instruction of early lymphoid progenitors to develop into B lineage by repressing T-cell instructive Notch signals (By similarity). Specifically represses the transcription of the CDKN2A gene. Efficiently abrogates E2F1-dependent CDKN2A transactivation/de-repression. Binds to the consensus sequence 5'-[GA][CA]GACCCCCCCCC-3'., similarity:Contains 1 BTB (POZ) domain.,similarity:Contains 4 C2H2-type zinc fingers.,subunit:Interacts with BCL6.,tissue specificity:Widely expressed. In normal thymus, expressed in medullary epithelial cells and Hassle's corpuscles (at protein level). In tonsil, expressed in squamous epithelium and germinal center lymphocytes (at protein level). Up-regulated in a subset of lymphomas, as well as in a subset of breast, lung, colon, prostate and bladder carcinomas (at protein level).,
Background	function:Plays a key role in the instruction of early lymphoid progenitors to develop into B lineage by repressing T-cell instructive Notch signals (By similarity). Specifically represses the transcription of the CDKN2A gene. Efficiently abrogates E2F1-dependent CDKN2A transactivation/de-repression. Binds to the consensus sequence 5'-[GA][CA]GACCCCCCCCC-3'., similarity:Contains 1 BTB (POZ) domain.,similarity:Contains 4 C2H2-type zinc fingers.,subunit:Interacts with BCL6.,tissue specificity:Widely expressed. In normal thymus, expressed in medullary epithelial cells and Hassle's corpuscles (at protein level). In tonsil, expressed in squamous epithelium and germinal center lymphocytes (at protein level). Up-regulated in a subset of lymphomas, as well as in a subset of breast, lung, colon, prostate and bladder carcinomas (at protein level).,
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images