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TOX3 Rabbit pAb

Catalog # AP97999

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	O15405
Other Accession	O15405
Predicted	Rat, Pig, Human, Mouse, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	63342
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human TOX3
Epitope Specificity	401-500/576
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 HMG box DNA-binding domain.
SUBUNIT	Homodimer. Interacts with CREB1; the interaction is not depolarization dependent. Interacts with CREBBP (via C-terminus) (By similarity). Interacts (via HGM box) with CITED1 (via C-terminus); the interaction increases estrogen-response element (ERE)-dependent transcription and protection against cell death. Interacts with CREB1 (phosphorylated form).
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Additional Information

Gene ID	27324
Other Names	CAGF9; TNRC9; 500-9; C230068E13; TOX3_HUMAN; TOX3; CAG trinucleotide repeat-containing gene F9 protein; Trinucleotide repeat-containing gene 9 protein; TOX3_MOUSE; TOX3_RAT; TOX high mobility group box family member 3; trinucleotide repeat containing 9
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=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	TOX3

Synonyms	CAGF9, TNRC9
Function	Transcriptional coactivator of the p300/CBP-mediated transcription complex. Activates transactivation through cAMP response element (CRE) sites. Protects against cell death by inducing antiapoptotic and repressing pro-apoptotic transcripts. Stimulates transcription from the estrogen-responsive or BCL-2 promoters. Required for depolarization-induced transcription activation of the C-FOS promoter in neurons. Associates with chromatin to the estrogen-responsive C3 promoter region.
Cellular Location	Nucleus.
Tissue Location	Expressed mainly in epithelial cells. Expressed in the central nervous system (CNS), in the ileum and within the brain in the frontal and occipital lobe.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.