



Rabbit Anti-Human TP73 (Acetyl-Lys321) polyclonal antibody (CABT-L4182)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit Anti-Human CaMK2 (Phospho-Thr286) polyclonal antibody. This antibody detects endogenous levels of p73 protein only when acetylated at Lys321.
Specificity	Target Modification: Acetyl. Modification Sites: Human: K321
Target	Human p73 (Acetyl-Lys321)
Immunogen	The antiserum was produced against synthesized Acetyl-peptide derived from human p73 around the Acetylation site of Lys321.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Affinity Purified
Conjugate	Unconjugated
Applications	WB, IHC, ELISA
Molecular Weight	69 kDa
Preparation	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using acetylated peptide. The antibody against non-acetylated peptide was removed by chromatography using corresponding non-acetylated peptide.
Format	Liquid

Concentration	Lot specific
Size	100 µl
Buffer	Rabbit IgG in PBS (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl and 50% glycerol.
Preservative	0.02% Sodium Azide
Storage	Stable at -20°C for at least 1 year.
Ship	Wet ice

BACKGROUND

Introduction	This gene encodes a member of the p53 family of transcription factors involved in cellular responses to stress and development. It maps to a region on chromosome 1p36 that is frequently deleted in neuroblastoma and other tumors, and thought to contain multiple tumor suppressor genes. The demonstration that this gene is monoallelically expressed (likely from the maternal allele), supports the notion that it is a candidate gene for neuroblastoma. Many transcript variants resulting from alternative splicing and/or use of alternate promoters have been found for this gene, but the biological validity and the full-length nature of some variants have not been determined.
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Keywords	TP73;tumor protein p73;P73;p53-related protein;p53-like transcription factor;
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GENE INFORMATION

Gene Name	TP73 tumor protein p73 [Homo sapiens (human)]
Official Symbol	TP73
Synonyms	TP73, P73, Tumor protein p73, p53-like transcription factor, p53-related protein
Entrez Gene ID	7161
UniProt ID	O15350