



Rabbit Anti-Human TP73 (Phospho-Tyr99) polyclonal antibody (CABT-L4184)

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

PRODUCT INFORMATION

Product Overview	Rabbit Anti-Human Smad2 (Phospho-Ser250) polyclonal antibody. This antibody detects endogenous levels of p73 only when phosphorylated at Tyr99.
Specificity	Target Modification: Phospho. Modification Sites: Human: Y99; Mouse: Y98
Target	Human p73 (Phospho-Tyr99)
Immunogen	The antiserum was produced against synthesized peptide derived from human p73 around the phosphorylation site of Tyr99. Immunogen range: 66-115
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Purification	Affinity Purified
Conjugate	Unconjugated
Applications	WB, IHC, ELISA
Molecular Weight	69 kDa
Preparation	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho 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.

Keywords TP73;tumor protein p73;P73;p53-related protein;p53-like transcription factor;

GENE INFORMATION

Gene Name	TP73 tumor protein p73 [Homo sapiens (human)]
Official Symbol	TP73
Synonyms	p53-like transcription factor, p53-related protein, P73 alpha protein, p73-alpha, TP73, TRP73, Tumor protein p73
Entrez Gene ID	7161
UniProt ID	O15350