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Datasheet for ABIN909826

anti-p73 alpha antibody (AA 301-350) (Alexa Fluor 350)

Overview

Quantity:	100 µL
Target:	p73 alpha (TP73 alpha)
Binding Specificity:	AA 301-350
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This p73 alpha antibody is conjugated to Alexa Fluor 350
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human p73 alpha
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep
Purification:	Purified by Protein A.

Target Details

Target:	p73 alpha (TP73 alpha)
Alternative Name:	p73 alpha (TP73 alpha Products)
Background:	Synonyms: P73 alpha protein, In response to double-strand DNA breaks, promotes p53/TP53

Target Details

phosphorylation on 'Ser-46' and subsequent apoptosis, Tumor protein p73, p53-like transcription factor, p53-related protein, TP73, P73, P73_HUMAN.

Background: 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. [provided by RefSeq, Feb 2011].

Gene ID: 7161

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months