

## Product datasheet for **TA323813**

### p73 (TP73) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: K562 and HepG2 cell lysates IHC: 50-200 Positive control: Human tonsil Predicted cell location: Nucleus
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to a region derived from 131-310 amino acids of human tumor protein p73
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	70 kDa
Gene Name:	tumor protein p73
Database Link:	<a href="#">NP_001119712</a> <a href="#">Entrez Gene 7161 Human</a> <a href="#">O15350</a>



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**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.

**Synonyms:**

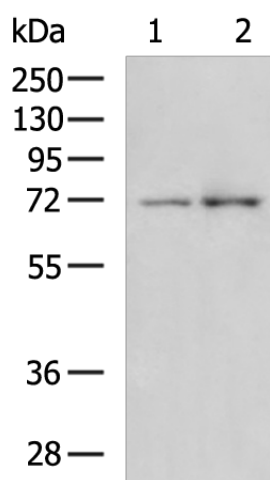
P73

**Protein Families:**

Druggable Genome, Transcription Factors

**Protein Pathways:**

Neurotrophin signaling pathway, p53 signaling pathway

**Product images:**

Gel: 8%SDS-PAGE

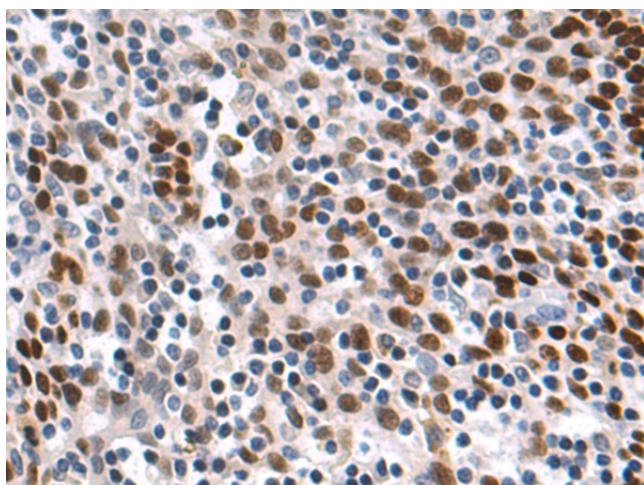
Lysate: 40 µg

Lane 1-2: K562 and HepG2 cell lysates

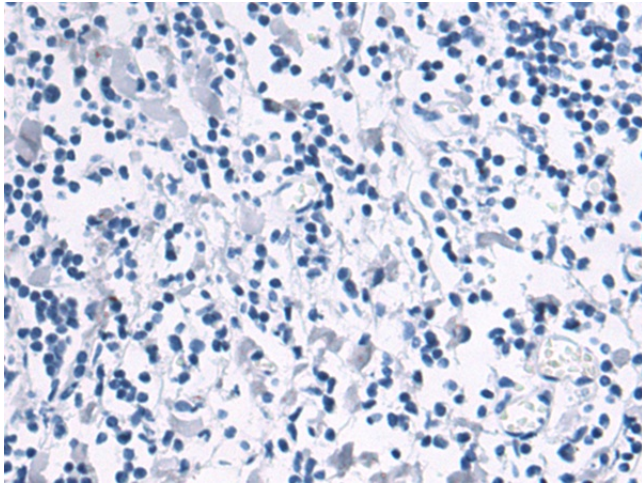
Primary antibody: TA323813 (TP73 Antibody) at dilution 1/400

Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution

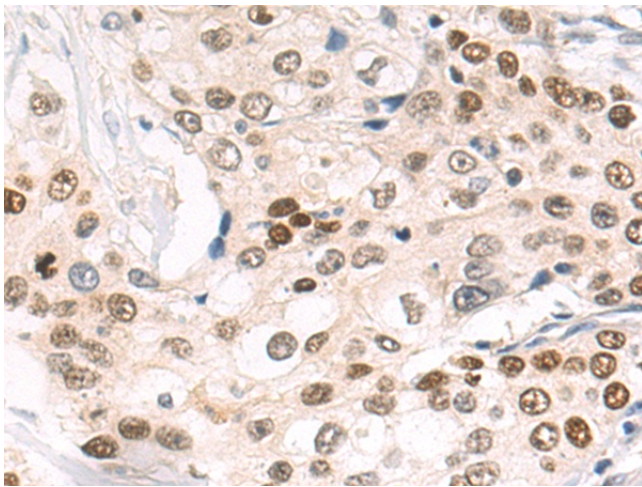
Exposure time: 40 seconds



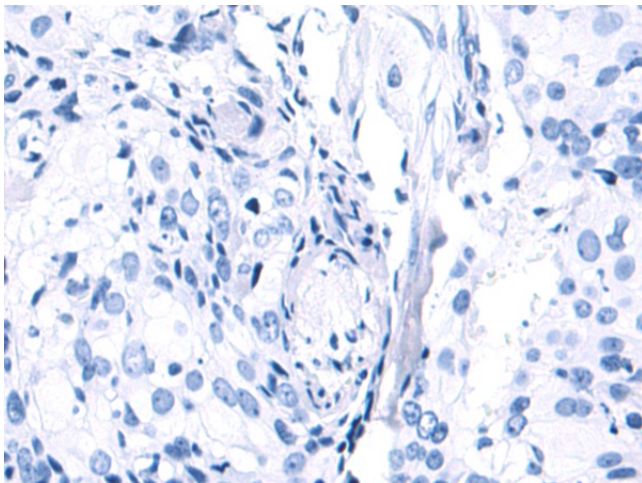
Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA323813 (TP73 Antibody) at dilution 1/50 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA323813 (TP73 Antibody) at dilution 1/50, treated with fusion protein. (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA323813 (TP73 Antibody) at dilution 1/50 (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA323813 (TP73 Antibody) at dilution 1/50, treated with fusion protein. (Original magnification: x200)