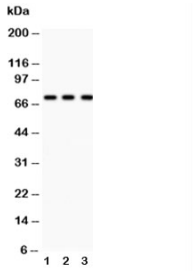
p73 Antibody (R31648)

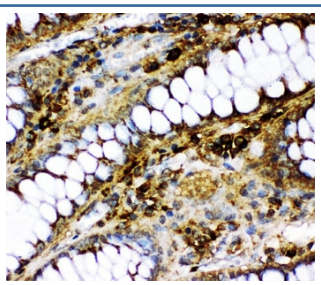
Catalog No.	Formulation	Size
R31648	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

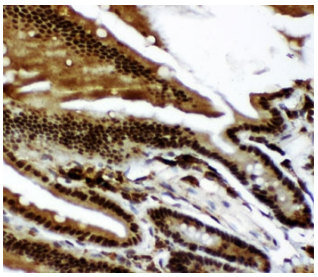
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
Gene ID	7161
Applications	Western blot: 0.5-1ug/ml IHC (FFPE): 0.5-1ug/ml
Limitations	This p73 antibody is available for research use only.



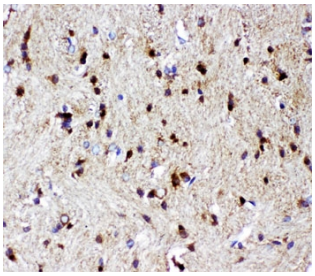
Western blot testing of p73 antibody and Lane 1: COLO320; 2: MCF-7; 3: HeLa lysate



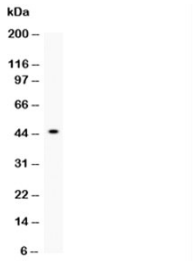
IHC-P: p73 antibody testing of human intestinal cancer tissue



IHC-P: p73 antibody testing of mouse intestine tissue



IHC-P: p73 antibody testing of rat brain tissue



Western blot testing of p73 antibody and recombinant human protein (0.5ng)

Description

Tumor protein 73(TP73), encodes a member of the p53 family of transcription factors involved in cellular responses to stress and development. It is mapped 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. Furthermore, recent finding are suggesting that over-expression of transcription factors involved in cell cycle regulation and synthesis of DNA in mammalian cells (e.g.: E2F-1) induces the expression of the protein. In addition, p73 is a substrate of the c-Abl kinase and that the ability of c-Abl to phosphorylate it is markedly increased by gamma-irradiation.

Application Notes

The stated application concentrations are suggested starting points. Titration of the p73 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Human partial recombinant protein (1-198) was used as the immunogen for this p73 antibody.

Storage

After reconstitution, the p73 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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