

Rabbit anti-Human Di-Methyl-p53 Polyclonal Antibody

Di-Methyl-p53 (K370) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA172542	Rabbit	Human	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

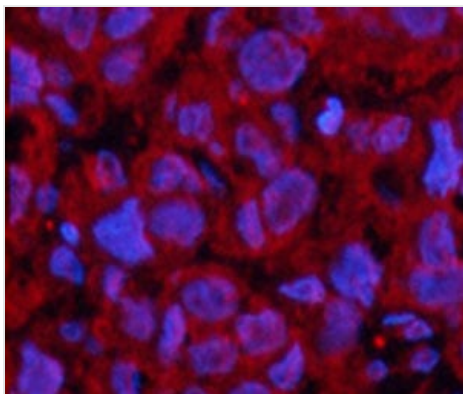
PRODUCT SYNONYMS

Di-Methyl-p53; Polyclonal Antibody; Di-Methyl-p53 (K370) Polyclonal Antibody; TP53; P53; Cellular tumor antigen p53; Antigen NY-CO-13; Phosphoprotein p53; Tumor suppressor p53; anti-Di-Methyl-p53 antibody

PRODUCT SPECIFICATIONS

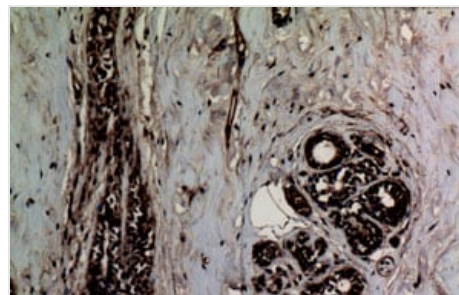
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Applicable Applications for anti-Di-Methyl-p53 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthesized peptide derived from human p53 around the di-methylation site of K370.
Calculated MW	44kDa
Observed MW	53kDa
Buffer	PBS with 0.02% sodium azide, 0.5% BSA and 50% glycerol, pH7.4
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



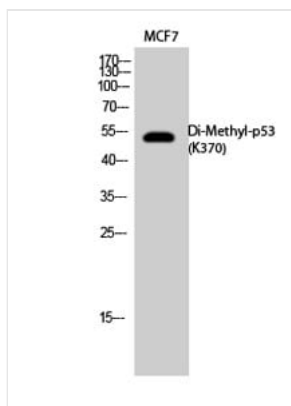
IF (Immunofluorescence)

Immunofluorescence analysis of Human breast cancer tissue using p53 (Di-Methyl-Lys370) Polyclonal Antibody at dilution of 1:200.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human breast tissue using p53 (Di-Methyl-Lys370) Polyclonal Antibody at dilution of 1:100.



WB (Western Blot)

Western Blot analysis of MCF7, K562 cells with p53 (Di-Methyl-Lys370) Polyclonal Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-Di-Methyl-p53 antibody

Background: Acts as a tumor suppressor in many tumor types; induces growth arrest or apoptosis depending on the physiological circumstances and cell type. Involved in cell cycle regulation as a trans-activator that acts to negatively regulate cell division by controlling a set of genes required for this process. One of the activated genes is an inhibitor of cyclindependent kinases. Apoptosis induction seems to be mediated either by stimulation of BAX and FAS antigen expression, or by repression of Bcl-2 expression. Implicated in Notch signaling cross-over. Isoform 2 enhances the transactivation activity of isoform 1 from some but not all TP53-inducible promoters. Isoform 4 suppresses transactivation activity and impairs growth suppression mediated by isoform 1. Isoform 7 inhibits isoform 1-mediated apoptosis.

Product Categories/Family for anti-Di-Methyl-p53 antibody

Cancer; Cell biology

NCBI AND UNIPROT INFORMATION

NCBI GeneID

7157

UniProt Accession

P04637

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/di-methyl-p53-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/172542>