

Rabbit p53 Polyclonal Antibody | anti-p53 antibody

p53 (Di Methyl Lys370) Antibody

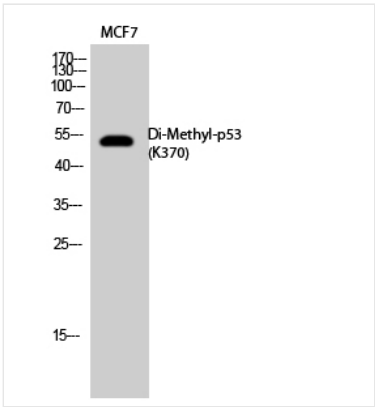
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30791	Rabbit	Human, Rat, Mouse	Immunofluorescence, Western Blot, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

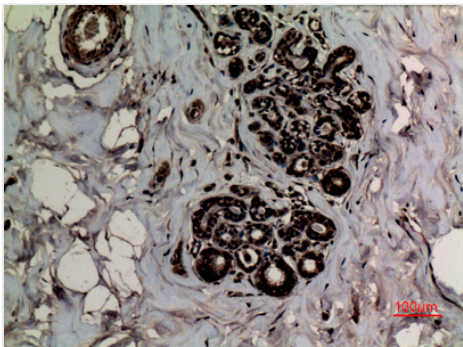
p53; Polyclonal Antibody; p53 (Di Methyl Lys370) Antibody; Cellular tumor antigen p53; TP53; P53; Antigen NY-CO-13; Phosphoprotein p53; Tumor suppressor p53; anti-p53 antibody

PRODUCT SPECIFICATIONS

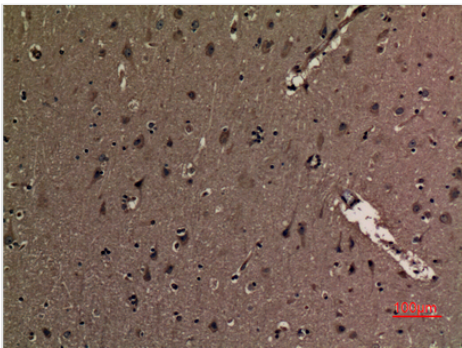
Host	Rabbit
Reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Di-Methyl-p53 (K370) Polyclonal Antibody detects endogenous levels of p53 protein only when di-methylated at K370.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-p53 antibody	IF (Immunofluorescence), WB (Western Blot), IHC (Immunohistochemistry), ELISA
Application Notes	IF: 1:50-200 WB: 1:500-1:2000 IHC: 1:100-300 ELISA: 1:20000
Immunogen	Synthesized peptide derived from human p53 around the di-methylation site of K370.
Modification	Methyl Specific
Preparation and Storage	Store at -20 degree C/1 year



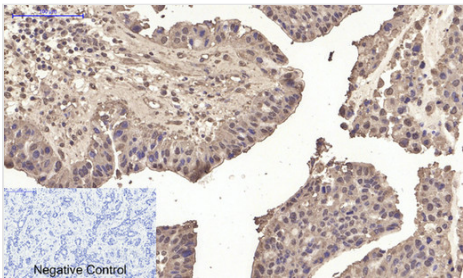
WB (Western Blot)
Western Blot analysis of MCF7, K562 cells using Di-Methyl-p53 (K370) Polyclonal Antibody.
Secondary antibody



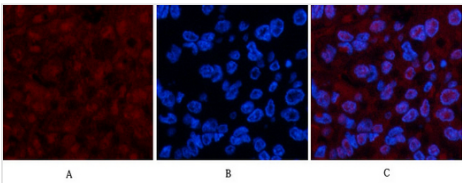
IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human-breast, antibody was diluted at 1:100



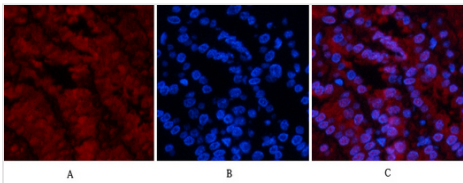
IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:100



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded Human-liver-cancer tissue. 1,p53 (Di Methyl Lys370) Polyclonal Antibody was diluted at 1:200(4 degree C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98 degree C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.



IF (Immunofluorescence)
Immunofluorescence analysis of human-liver-cancer tissue. 1,p53 (Di Methyl Lys370) Polyclonal Antibody(red) was diluted at 1:200(4 degree C,overnight). 2, Cy3 labled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



IF (Immunofluorescence)
Immunofluorescence analysis of human-kidney tissue. 1,p53 (Di Methyl Lys370) Polyclonal Antibody(red) was diluted at 1:200(4 degree C,overnight). 2, Cy3 labled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B

ADDITIONAL INFORMATION

Related Product Information for anti-p53 antibody	tumor protein p53(TP53) Homo sapiens This gene encodes a tumor suppressor protein containing transcriptional activation, DNA binding, and oligomerization domains. The encoded protein responds to diverse cellular stresses to regulate expression of target genes, thereby inducing cell cycle arrest, apoptosis, senescence, DNA repair, or changes in metabolism. Mutations in this gene are associated with a variety of human cancers, including hereditary cancers such as Li-Fraumeni syndrome. Alternative splicing of this gene and the use of alternate promoters result in multiple transcript variants and isoforms. Additional isoforms have also been shown to result from the use of alternate translation initiation codons (PMIDs; 12032546, 20937277). [provided by RefSeq, Feb 2013]
Product Categories/Family for anti-p53 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	120407068
------------------	-----------

NCBI GeneID	7157
NCBI Accession #	NP_000537.3
NCBI GenBank Nucleotide #	NM_000546.5
UniProt Accession #	P04637; Q15086; Q15087; Q15088; Q16535; Q16807; Q16808; Q16809; Q16810; Q16811; Q16848; Q2XN98
Molecular Weight	43,653 Da
NCBI Official Full Name	cellular tumor antigen p53 isoform a
NCBI Official Synonym Full Names	tumor protein p53
NCBI Official Symbol	TP53
NCBI Official Synonym Symbols	P53; BCC7; LFS1; TRP53
NCBI Protein Information	cellular tumor antigen p53; antigen NY-CO-13; phosphoprotein p53; p53 tumor suppressor; transformation-related protein 53
UniProt Protein Name	Cellular tumor antigen p53
UniProt Gene Name	TP53
UniProt Synonym Gene Names	P53
UniProt Entry Name	P53_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/p53-antibody-immunofluorescence-western-blot-immunohistochemistry-elisa/30791>