



p53 Polyclonal Antibody

E20-75694

Catalog No:E20-75694

Applications:WB,IHC-p,ELISA

Reactivity:Human

Gene Name:TP53

Protein Name:Cellular tumor antigen p53

Human Gene Id:7157

Human Swiss Prot No:P04637

Mouse Swiss Prot No:P02340

Immunogen:Synthesized peptide derived from the Internal region of human p53.

Specificity:p53 Polyclonal Antibody detects endogenous levels of p53 protein.

Formulation:Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source:Rabbit

Dilution:Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000. Not yet tested in other applications.

Purification:The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration:1 mg/ml

Storage Stability:-20°C/1 year

Other Names:TP53; P53; Cellular tumor antigen p53; Antigen NY-CO-13; Phosphoprotein p53; Tumor suppressor p53

Observed Band(KD):53

Background:tumor protein p53(TP53) Homo sapiens This gene encodes a tumor suppressor protein containing transcriptional activation, DNA binding, and oligomerization domains.

Function:cofactor:Binds 1 zinc ion per subunit.,**disease:**Defects in TP53 are a cause of choroid plexus papilloma [MIM:260500]. Choroid plexus papilloma is a slow-growing

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benign tumor of the choroid plexus that often invades the leptomeninges.

Subcellular Location:nuclear chromatin, nucleus, nucleoplasm, replication fork, transcription factor TFIID complex, nucleolus, cytoplasm, mitochondrion, mitochondrial matrix, endoplasmic reticulum, cytosol,integral component of membrane,nuclear matrix.

Expression:Blood,Brain,ClassicalHodgkinLymphoma,Esophageal squamous cell carcinoma,Glial cell.

