

**bs-42386R**

**[ Primary Antibody ]**

## P53 Rabbit pAb

**Bioss**  
ANTIBODIES

www.bioss.com.cn

sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

### — DATASHEET —

**Host:** Rabbit

**Clonality:** Polyclonal

**GeneID:** 7157

**SWISS:** P04637

**Target:** P53

**Immunogen:** Recombinant human P53 protei: 1-393/393.

**Purification:** affinity purified by Protein A

**Concentration:** 1mg/ml

**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.  
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** 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].

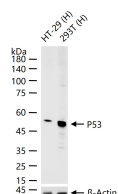
**Applications:** WB (1:500-2000)

**Reactivity:** Human

**Predicted  
MW.:** 43 kDa

**Subcellular  
Location:** Cytoplasm ,Nucleus

### — VALIDATION IMAGES —



25 ug total protein per lane of various lysates (see on figure) probed with P53 polyclonal antibody, unconjugated (bs-42386R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.