

**bs-1346R****[ Primary Antibody ]****BioSS**  
ANTIBODIES

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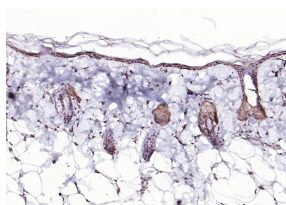
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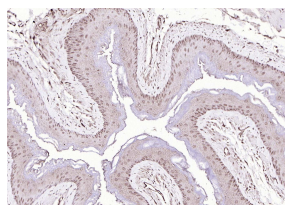
400-901-9800

**P73 Rabbit pAb****DATASHEET**

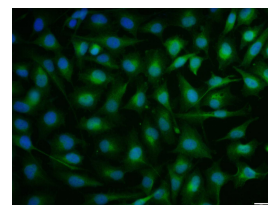
<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> IHC-P (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500) <b>ICC/IF</b> (1:100)  <b>Reactivity:</b> Human, Mouse, Rat  <b>Predicted MW.:</b> 70 kDa  <b>Subcellular Location:</b> Cytoplasm ,Nucleus
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 22062	<b>SWISS:</b> Q9JJP2	
<b>Target:</b> P73		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from mouse P73 protein: 501-631/631.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.		
<b>Background:</b> This gene encodes a member of the p53 family of transcription factors involved in cellular responses to stress and development. It maps 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. Many transcript variants resulting from alternative splicing and/or use of alternate promoters have been found for this gene, but the biological validity and the full-length nature of some variants have not been determined. [provided by RefSeq, Feb 2011].		

**VALIDATION IMAGES**

Paraformaldehyde-fixed, paraffin embedded (rat skin); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (P73) Polyclonal Antibody, Unconjugated (bs-1346R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse esophagus); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (P73) Polyclonal Antibody, Unconjugated (bs-1346R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



MCF7 cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (P73) polyclonal Antibody, Unconjugated (bs-1346R) 1:100, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.

**SELECTED CITATIONS**

- **[IF=5.96]** Shi et al. Survivin-2B promotes autophagy by accumulating IKK alpha in the nucleus of selenite-treated NB4 cells. (2014) Cell.Death.Di. 5:e1071 IF, WB ;Human. 24556686
- **[IF=5.168]** Kejian Shi. et al. ATM/IKK alpha axis regulates the crosstalk between autophagy and apoptosis in selenite-treated Jurkat cells. CHEM-BIOL INTERACT. 2022 Nov;367:110178 WB ;Human. 36113632
- **[IF=2.74]** Liu, Jianhui, et al. "Silica nanoparticle exposure inducing granulosa cell apoptosis and follicular atresia in

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- female Balb/c mice." Environmental Science and Pollution Research (2017): 1-12. WB ;="Mouse". 29151191
- **[IF=0]** YONG M et al. Expression and Clinical Implications of P53, P63 and P73 Protein in Malignant. Turkish Journal of Medical Sciences 44(5):875-82. IHC ;="Human". DOI:10.3906/sag-1304-136