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TP53TG5 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58722

Specification

TP53TG5 Polyclonal Antibody - Product Information

Application	**WB, IHC-P, IHC-F, IF, E**
Primary Accession	Q9Y2B4
Reactivity	**Rat, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**34 KDa**
Physical State	**Liquid**
Immunogen	**KLH conjugated synthetic peptide derived from human TP53TG5**
Epitope Specificity	**21-120/290**
Isotype	**IgG**

Purity
affinity purified by Protein A

Buffer	**0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.**
SUBCELLULAR LOCATION	**Cytoplasm. Nucleus. Note=Cell cycle dependent intracellular localization.**
SUBUNIT	**Interacts with p53/TP53.**
Important Note	**This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.**

Background Descriptions
TP53TG5 may play a significant role in p53/TP53-mediating signaling pathway. It is highly expressed in heart, brain and small intestin. Less abundant in skeletal muscle, spleen, prostate, ovary and colon. A smaller transcript is expressed specifically in the testis.

TP53TG5 Polyclonal Antibody - Additional Information

Gene ID 27296

Other Names
TP53-target gene 5 protein, TP53-inducible gene 5 protein, TP53TG5, C20orf10

Target/Specificity
Highly expressed in heart, brain and small intestine. Less abundant in skeletal muscle, spleen, prostate, ovary and colon. A smaller transcript is expressed specifically in the testis.

Dilution
WB~~1:1000<br \>IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>E~~N/A

Storage
Store at -20 ℃ for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ℃.

TP53TG5 Polyclonal Antibody - Protein Information

Name TP53TG5

Synonyms C20orf10

Function
May play a significant role in p53/TP53-mediating signaling pathway.

Cellular Location
Cytoplasm. Nucleus. Note=Cell cycle dependent intracellular localization

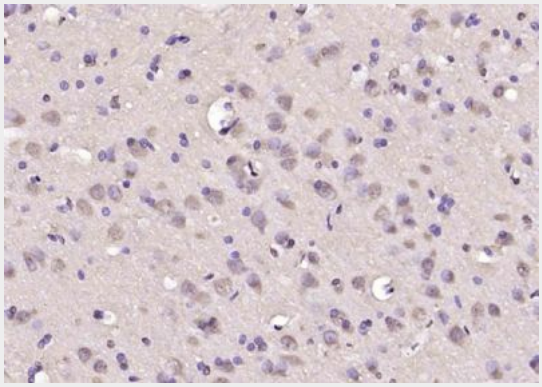
Tissue Location
Highly expressed in heart, brain and small intestine. Less abundant in skeletal muscle, spleen, prostate, ovary and colon. A smaller transcript is expressed specifically in the testis.

TP53TG5 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TP53TG5 Polyclonal Antibody - Images



Paraformaldehyde-fixed, paraffin embedded (rat brain); 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 (TP53TG5) Polyclonal Antibody, Unconjugated (bs-7702R) at 1:200 overnight at 4°C, followed by

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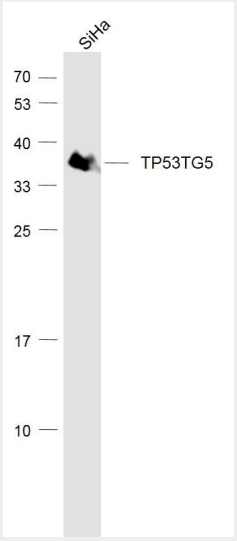
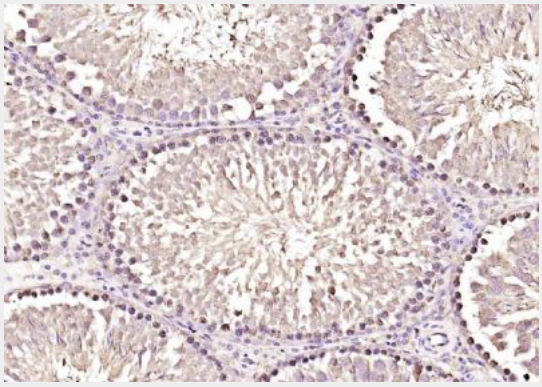
operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Sample:
SiHa (Human) Cell Lysate at 30 ug
Primary: Anti-TP53TG5 (bs-7702R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 34 kD
Observed band size: 34 kD



Paraformaldehyde-fixed, paraffin embedded (rat testis); 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 (TP53TG5) Polyclonal Antibody, Unconjugated (bs-7702R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.