

## Product datasheet for **TA349691**

### TP53BP2 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Mouse kidney tissue, 293T and 231 cells IHC: 50-200 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human TP53BP2
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	126 kDa
Gene Name:	tumor protein p53 binding protein 2
Database Link:	<a href="#">NP_005417</a> <a href="#">Entrez Gene 7159 Human</a> <a href="#">Q13625</a>



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**Background:**

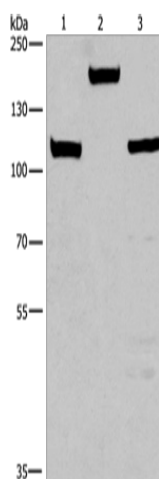
This gene encodes a member of the ASPP (apoptosis-stimulating protein of p53) family of p53 interacting proteins. The protein contains four ankyrin repeats and an SH3 domain involved in protein-protein interactions. It is localized to the perinuclear region of the cytoplasm, and regulates apoptosis and cell growth through interactions with other regulatory molecules including members of the p53 family. Multiple transcript variants encoding different isoforms have been found for this gene.

**Synonyms:**

53BP2; ASPP2; BBP; P53BP2; PPP1R13A

**Protein Families:**

Druggable Genome

**Product images:**

Gel: 10%SDS-PAGE

Lysate: 40  $\mu$ g

Lane 1-3: Mouse kidney tissue

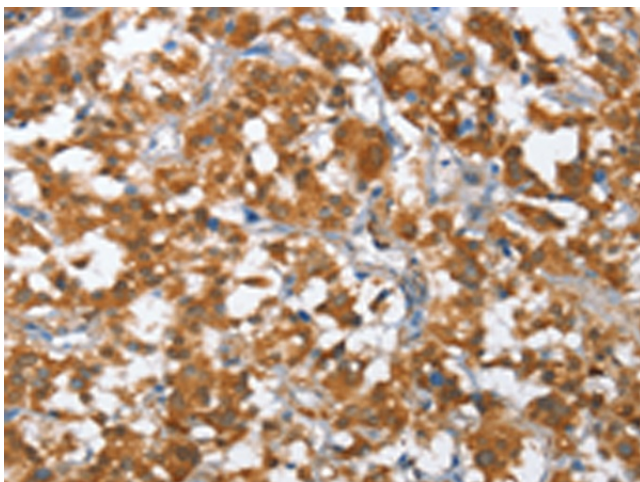
293T cells

231 cells

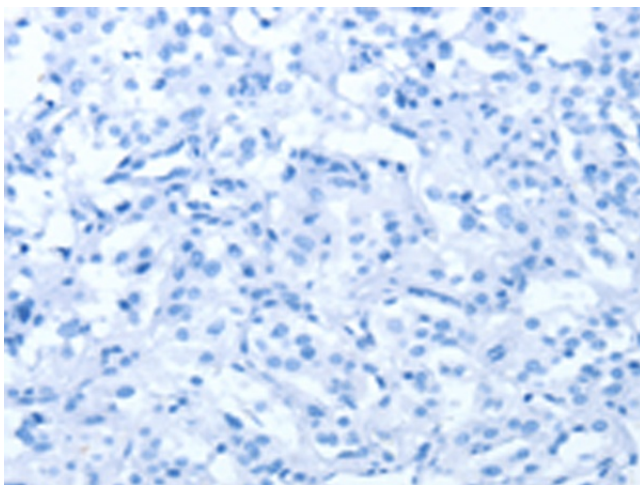
Primary antibody: TA349691 (TP53BP2 Antibody) at dilution 1/375

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

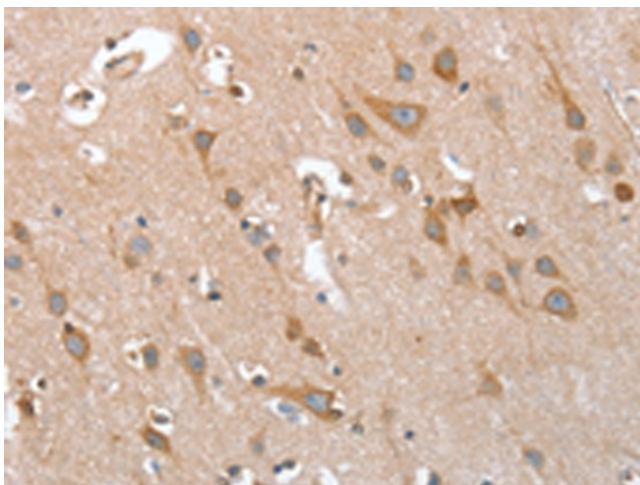
Exposure time: 30 seconds



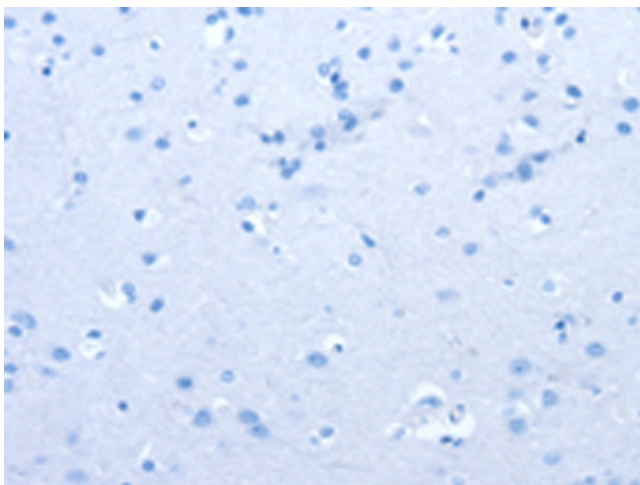
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA349691 (TP53BP2 Antibody) at dilution 1/35 (Original magnification:  $\times$ 200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA349691 (TP53BP2 Antibody) at dilution 1/35, treated with fusion protein. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human brain tissue using TA349691 (TP53BP2 Antibody) at dilution 1/35 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human brain tissue using TA349691 (TP53BP2 Antibody) at dilution 1/35, treated with fusion protein. (Original magnification:  $\times 200$ )