

**WBP2 Antibody (C-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP7786b**

**Specification**

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**WBP2 Antibody (C-term) - Product Information**

Application	WB, IHC-P, FC,E
Primary Accession	<a href="#">O969T9</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	28087
Antigen Region	186-212

**WBP2 Antibody (C-term) - Additional Information**

**Gene ID** 23558

**Other Names**

WW domain-binding protein 2, WBP-2, WBP2

**Target/Specificity**

This WBP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 186-212 amino acids from the C-terminal region of human WBP2.

**Dilution**

WB~~1:1000  
IHC-P~~1:10~50  
FC~~1:10~50

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

WBP2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**WBP2 Antibody (C-term) - Protein Information**

**Name** WBP2 ([HGNC:12738](#))

**Function** Acts as a transcriptional coactivator of estrogen and progesterone receptors (ESR1 and

PGR) upon hormone activation (PubMed:[16772533](#)). In presence of estrogen, binds to ESR1-responsive promoters (PubMed:[16772533](#)). Synergizes with YAP1 to enhance PGR activity (PubMed:[16772533](#)). Modulates expression of post-synaptic scaffolding proteins via regulation of ESR1, ESR2 and PGR (By similarity).

#### Cellular Location

Cytoplasm. Nucleus. Note=Translocates from cytoplasm to nucleus when phosphorylated.

#### Tissue Location

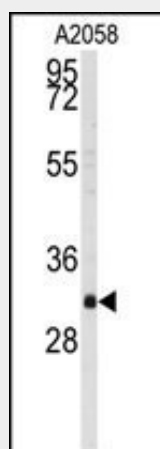
Ubiquitous.

### WBP2 Antibody (C-term) - Protocols

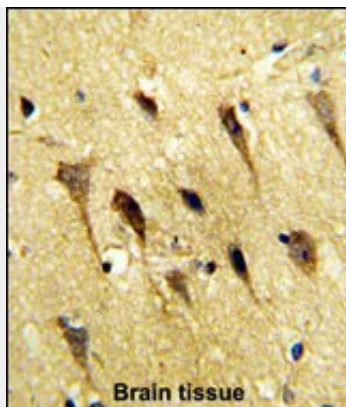
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

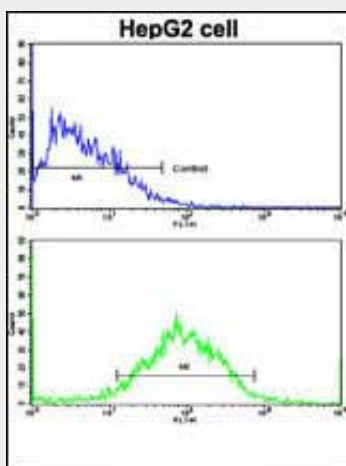
### WBP2 Antibody (C-term) - Images



Western blot analysis of anti-BP2 Antibody (C-term) (Cat.#AP7786a) in A2058 cell line lysates (35ug/lane). BP2 (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human brain tissue reacted with WBP2 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



Flow cytometric analysis of HepG2 cells using WBP2 Antibody (C-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

### **WBP2 Antibody (C-term) - Background**

The globular WW domain is composed of 38 to 40 semiconserved amino acids shared by proteins of diverse functions including structural, regulatory, and signaling proteins. The domain is involved in mediating protein-protein interactions through the binding of polyproline ligands. WBP2 is a WW domain binding protein, which binds to the WW domain of Yes kinase-associated protein by its PY motifs. The function of this protein has not been determined.

### **WBP2 Antibody (C-term) - References**

Dhananjayan,S.C., Mol. Endocrinol. 20 (10), 2343-2354 (2006)  
Nitsch,R., Biochem. J. 377 (PT 3), 553-560 (2004)  
Jolliffe,C.N., Biochem. J. 351 PT 3, 557-565 (2000)