

Rabbit anti-Human WBP2 Polyclonal Antibody | anti-WBP2 antibody

WBP2 Antibody (C-term)

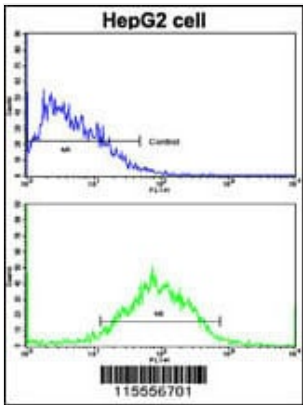
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284773	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

WBP2; Polyclonal Antibody; WBP2 Antibody (C-term); WW domain-binding protein 2; WBP-2; anti-WBP2 antibody

PRODUCT SPECIFICATIONS

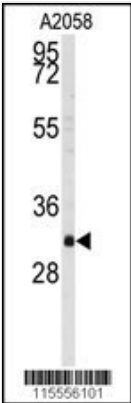
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This WBP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 186-212 amino acids from the C-terminal region of human WBP2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Sequence Positions	186-212
Sequence Length	261
Applicable Applications for anti-WBP2 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Function	Acts as 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). Required for YAP1 coactivation function on PGR activity (PubMed:16772533). Synergizes with WBP2 in enhancing 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.
Preparation and Storage	Maintain refrigerated at 2-8°C. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
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.



IHC (Immunohistochemistry)
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.



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

ADDITIONAL INFORMATION

Related Product Information for anti-WBP2 antibody	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.
Product Categories/Family for anti-WBP2 antibody	Signal Transduction
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	24430132
NCBI GeneID	23558
NCBI Accession #	NP_036610.2
NCBI GenBank Nucleotide #	NM_012478.3
UniProt Accession #	Q969T9; O95638

Molecular Weight	Calculated MW: 28087
NCBI Official Full Name	WW domain-binding protein 2
NCBI Official Synonym Full Names	WW domain binding protein 2
NCBI Official Symbol	WBP2
NCBI Official Synonym Symbols	WBP-2
NCBI Protein Information	WW domain-binding protein 2
UniProt Protein Name	WW domain-binding protein 2
UniProt Gene Name	WBP2
UniProt Synonym Gene Names	WBP-2
UniProt Entry Name	WBP2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/wbp2-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/284773>