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# Product datasheet for AP54530PU-N

## WAC (Center) Rabbit Polyclonal Antibody

### Product data:

| | |
|---|---|
| **Product Type:** | Primary Antibodies |
| **Applications:** | FC, WB |
| **Recommended Dilution:** | ELISA: 1:1;000.<br>Western blot: 1:100~500.<br>Flow cytometry: 1:10~50. |
| **Reactivity:** | Human |
| **Host:** | Rabbit |
| **Isotype:** | Ig |
| **Clonality:** | Polyclonal |
| **Immunogen:** | KLH conjugated synthetic peptide between 291~321 amino acids from the Central region of human WAC |
| **Specificity:** | This antibody detects WAC (Center). |
| **Formulation:** | PBS with 0.09% (W/V) sodium azide<br>State: Aff - Purified<br>State: Liquid Ig fraction |
| **Concentration:** | lot specific |
| **Purification:** | Protein A column followed by peptide affinity purification |
| **Conjugation:** | Unconjugated |
| **Storage:** | Store at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing. |
| **Stability:** | Shelf life: one year from despatch. |
| **Gene Name:** | WW domain containing adaptor with coiled-coil |
| **Database Link:** | Entrez Gene 51322 Human<br>Q9BTA9 |

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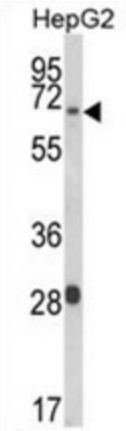
**Background:** WAC contains a WW domain, which is a protein module found in a wide range of signaling proteins. This domain mediates protein-protein interactions and binds proteins containing short linear peptide motifs that are proline-rich or contain at least one proline. This gene product shares 94% sequence identity with the WAC protein in mouse, however, its exact function is not known.

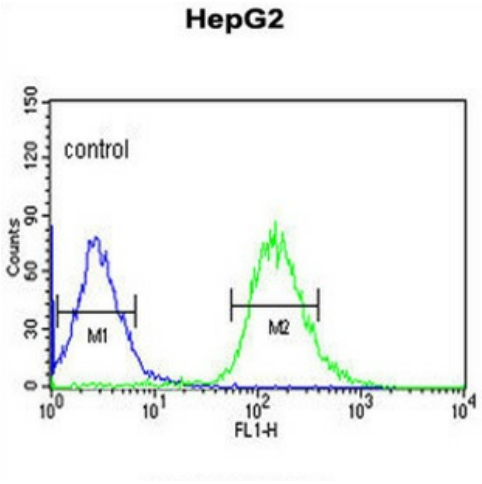
**Synonyms:** KIAA1844

**Note:** **Molecular Weight:** 70724 Da

## Product images:




Western blot analysis of WAC Antibody (Center) in HepG2 cell line lysates (35 ug/lane). WAC (arrow) was detected using the purified Pab.




WAC Antibody (Center) flow cytometric analysis of HepG2 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.