

## Product Datasheet

### APC6 phospho T580 Antibody (orb345506)

<b>Catalog Number</b>	orb345506
<b>Description</b>	APC6 (phospho-T580) antibody
<b>Species/Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Tested Applications</b>	ELISA, WB
<b>Immunogen</b>	This affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to an internal region surrounding pT580 of Human Apc6 protein.
<b>Preservatives</b>	0.01% (w/v) Sodium Azide
<b>Form/Appearance</b>	Liquid (sterile filtered)
<b>Concentration</b>	0.97 mg/mL
<b>Storage</b>	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
<b>Note</b>	For research use only
<b>Application notes</b>	This affinity purified antibody has been tested for use in ELISA and western blot. Specific conditions for reactivity should be optimized by the end user. Expect a band ~ 72 kDa, 71.5 kDa or 65.9 kDa in size corresponding to isoforms of APC6 by western blotting in the appropriate cell lysate or extract.
<b>Isotype</b>	IgG

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<b>Clonality</b>	Polyclonal
<b>Antibody Type</b>	Primary Antibody
<b>Purity</b>	This product is an affinity purified antibody produced by immunoaffinity chromatography using phospho peptide coupled to agarose beads followed by solid phase adsorption(s) against non-phospho peptide and non-specific peptide to remove any unwanted reactivities. This antibody is specific for phosphorylated human APC6 protein at the pT580 residue. BLAST analysis indicates 100 % homology of the immunizing sequence with APC6 from human. No cross reactivity is expected against homologues from other sources. This antibody is expected to react with all isoforms of this protein. Minimal reactivity is expected with the non-phosphorylated form of the protein.
<b>Uniprot ID</b>	<b>Q13042</b>
<b>NCBI</b>	<b>37537763</b>
<b>Dilution Range</b>	ELISA: 1:1,000 - 1:10,000, WB: 1:500 - 1:3,000
<b>Expiration Date</b>	12 months from date of receipt.



Western blot using Biorbyt's Affinity Purified anti-APC6 pT580 antibody shows detection of a band ~72 kDa corresponding to phosphorylated human APC6 (arrowhead lane 1). Lane 1 - nocodazole treated HeLa whole cell lysate (p/n orb348683). Lane 2 - Reactivity is not seen in lysates from asynchronous HeLa whole cell cultures (p/n orb348668). Each lane contains approximately 35 ug of lysates, separated by 4-20% SDS-PAGE Tris-HEPES and then transferred to nitrocellulose. After blocking the membrane was probed with the primary antibody diluted to 1:1000 overnight at 4°C followed by washes and reaction with a 1:10000 dilution of IRDye™ 800 conjugated Gt-a-Rabbit IgG [H&L] MX for 45 min at room temperature.

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