

## Ku80 Antibody

<b>Catalog No.:</b>	PP35
<b>Quantity:</b>	0.2 mg
<b>Concentration:</b>	1 mg/ml
<b>Background:</b>	<p>Telomere length maintenance, an activity essential for chromosome stability and genome integrity, is regulated by telomerase- and telomere-associated factors. The DNA repair protein Ku (a heterodimer of Ku70 and Ku80 subunits) associates with mammalian telomeres and contributes to telomere maintenance. The Ku heterodimer functions at two kinds of DNA ends: telomeres and double-strand breaks. The role that Ku plays at these two classes of termini must be distinct, because Ku is required for accurate and efficient joining of double-strand breaks while similar DNA repair events are normally prohibited at chromosome ends.</p>
<b>Host / Isotype:</b>	Rabbit
<b>Format:</b>	<p><b>State:</b> Liquid <b>Purification:</b> Affinity purified IgG <b>Buffer System:</b> PBS containing 0.02% sodium azide.</p>
<b>Applications:</b>	<p>ELISA, WB Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.</p>
<b>Storage:</b>	Keep as concentrated solution. Store at 4

**For research and in vitro use only. Not for diagnostic or therapeutic work.**

Material Safety Datasheets are available at [www.acris-antibodies.com](http://www.acris-antibodies.com) or on request.

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