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# GOAT ANTI-KU70 / XRCC6 ANTIBODY

**SKU:** EB07858





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## SPECIFICATIONS

<b>Formulation</b>	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
<b>Unit Size</b>	100 µg
<b>Storage Instructions</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Synonym / Alias Names</b>	XRCC6 KU70 X-ray repair complementing defective repair in Chinese hamster cells 6 (Ku autoantigen, 70kDa) CTC75 CTCBF G22P1 ML8 TLAA ATP-dependent DNA helicase II, 70 kDa subunit CTC box binding factor 75 kDa subunit Ku autoantigen p70 subunit OTTHUMP0000028581 thyroid autoantigen 70kD (Ku antigen) thyroid autoantigen 70kDa (Ku antigen) thyroid-lupus autoantigen p70
<b>Accession ID</b>	NP_001460.1
<b>Blocking Peptide</b>	EBP07858
<b>Immunogen</b>	Peptide with sequence YKTEGDEEAEEEEQ-C, from the N Terminus of the protein sequence according to NP_001460.1.
<b>Peptide Sequence</b>	YKTEGDEEAEEEEQ-C
<b>Purification Method</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Shipping Instructions</b>	Refrigerated
<b>Predicted Species</b>	Human
<b>Reactive Species</b>	Human
<b>Human Gene ID</b>	2547
<b>Product Grade</b>	<a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png</a>
<b>ELISA Detection Limit</b>	Antibody detection limit dilution 1:2000.
<b>Western Blot</b>	Approx 70kDa band observed in lysates of cell lines A431, HeLa and HepG2 (calculated MW of 69.8kDa according to NP_001460.1). In transfected HEK293 transiently expressing KU70 a band of approx. 70kDa is observed. This band is not observed in the non-transfected HEK293. Recommended concentration: 0.1-0.3µg/ml.
<b>Application Type</b>	Pep-ELISA, WB



## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES

