

## Rabbit Anti-Rat X-Ray Repair Cross Complementing 6 (XRCC6) Polyclonal Antibody

**Cat. No.:** VD3N613

**Product Type:** Veterinary Antibodies

**Size:** 100 µL; 200 µL; 1 mL

### Product Overview

BioVenic rabbit polyclonal antibody is specific for rat X-ray repair cross complementing 6. It is purified by protein A. It can be applied to WB, IHC, ICC and IP assays of rat X-ray repair cross complementing 6.

### Specifications

Application	WB; IHC; ICC; IP
Clonality	Polyclonal
Classification	Primary Antibody
Clone	C2N13
Host	Rabbit
Target Species	Rat
Species Reactivity	Rat
Specificity	Rat X-Ray Repair Cross Complementing 6
Isotype	IgG
Immunogen	Recombinant protein of rat X-ray repair cross complementing 6
Purification	Purified by Protein A
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Preservative and Stabilizer	0.02% Sodium Azide
Buffer	Phosphate Buffered Saline, pH 7.4, with 50% glycerol
Physical State	Liquid

### Target Information

Rat X-ray repair cross-complementing 6 (XRCC6, Ku70) forms the DNA-binding heterodimer of DNA-PK, essential for non-homologous end joining repair of DNA double-strand breaks. Constitutively expressed in nucleus and cytoplasm, it recruits repair enzymes

to damaged chromatin and stabilizes telomeres. XRCC6 offers a sensitive, species-specific marker for DNA damage response and genomic stability. Validated antibodies detect native Ku70 without cross-reactivity to Ku80 or other repair factors, enabling accurate western blot, IHC and comet assay analyses in toxicological, aging and cancer studies.

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Target	Rat X-Ray Repair Cross Complementing 6
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Target Synonym	Ku70; CTC75; CTCBF; G22P1; ML8
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Gene ID	<a href="#">25019</a>
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UniProt ID	<a href="#">E9PT85</a>
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## Shipping and Storage

This product is shipped with wet ice packs. Store at -20°C on receipt (up to 12 months). Avoid repeated freezing and thawing as this may denature the antibody.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.