A7539

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XRCC4 Rabbit pAb

Catalog No.: A7539 6 Publications

Basic Information

Observed MW
55kDa

Calculated MW
38kDa

Category
Polyclonal Antibody

Applications
WB

Cross-Reactivity
Human

Background

The protein encoded by this gene functions together with DNA ligase IV and the DNA-dependent protein kinase in the repair of DNA double-strand breaks. This protein plays a role in both non-homologous end joining and the completion of V(D)J recombination. Mutations in this gene can cause short stature, microcephaly, and endocrine dysfunction (SSMED). Alternate transcript variants such as NM_022406 are unlikely to be expressed in some individuals due to a polymorphism (rs1805377) in the last splice acceptor site.

Recommended Dilutions

WB	1:500 - 1:2000

Immunogen Information

Gene ID
7518

Swiss Prot
Q13426

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
SSMED; hXRCC4; XRCC4

Contact

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Product Information

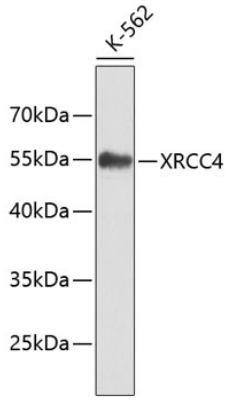
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at 4℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,pH7.3.

Validation Data



Western blot analysis of lysates from K-562 cells, using XRCC4 Rabbit pAb (A7539).
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.

For research use only. Not for therapeutic or diagnostic purposes.
Please visit https://abclonal.com for a complete listing of recommended products.