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Datasheet for ABIN7454372
anti-NHEJ1 antibody (AA 200-250)

Overview

| | |
|----------------------|---|
| Quantity: | 100 µg |
| Target: | NHEJ1 |
| Binding Specificity: | AA 200-250 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This NHEJ1 antibody is un-conjugated |
| Application: | Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp)) |

Product Details

| | |
|---------------|---|
| Purpose: | Rabbit anti-XLF Antibody, Affinity Purified |
| Immunogen: | between AA 200 and 250 |
| Isotype: | IgG |
| Purification: | Affinity Purified |

Target Details

| | |
|-------------------|--|
| Target: | NHEJ1 |
| Alternative Name: | XLF (NHEJ1 Products) |
| Background: | Background: XRCC4-like factor (XLF) functions in DNA nonhomologous end joining (NHEJ) in |

Target Details

double-strand break repair and immune system V(D)J recombination. Mutations of XLF in humans have been documented to result in immunodeficiency, growth retardation, and microcephaly. The yeast homolog of XLF is Nej1. XLF has been shown to interact with the XRCC4 x DNA-ligase IV complex and is implicated in the DNA religation step of the NHEJ pathway.

Gene ID: 79840

NCBI Accession: [NP_079058](#)

UniProt: [Q9H9Q4](#)

Pathways: [DNA Damage Repair](#)

Application Details

Application Notes: IHC: 1:500 - 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

IP: 2 - 5 µg/mg lysate

WB: Not recommended. Use rabbit anti-XLF antibody A300-730A.

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Expiry Date: 12 months