

## 11-6006: Polyclonal Antibody to HOIP/RNF31

|                                |   |
|--------------------------------|---|
| <b>Clonality :</b>             | Polyclonal  |
| <b>Application :</b>           | WB  |
| <b>Reactivity :</b>            | Human   |
| <b>Gene :</b>                  | RNF31   |
| <b>Gene ID :</b>               | 55072   |
| <b>Uniprot ID :</b>            | Q96EP0  |
| <b>Format :</b>                | Purified  |
| <b>Alternative Name :</b>      | RNF31,ZIBRA   |
| <b>Isotype :</b>               | Rabbit IgG  |
| <b>Immunogen Information :</b> | A partial length recombinant HOIP/RNF31 protein (amino acids 780-1020) was used as the immunogen for this antibody. |

### Description

RNF31 (ring finger protein 31), also known as HOIP (HOIL-1-interacting protein) is an atypical E3 ubiquitin ligase that belongs to the RBR (RING-between-RING) family of E3 ligases and is the catalytic component of LUBAC (linear ubiquitin chain assembly complex), a multisubunit E3 ligase. Linear ubiquitin chains are assembled by the LUBAC (Linear Ubiquitin Chain Assembly Complex), which plays a critical role in the activation of the NF-kappaB pathway that is involved in various functions, including cell survival and inflammation. RNF31 is essential for the assembly and function of LUBAC and for various processes governing inflammation and immunity in both hematopoietic and nonhematopoietic cells.

### Product Info

|                            |   |
|----------------------------|---|
| <b>Amount :</b>            | 25 µg / 100 µg  |
| <b>Purification :</b>      | Protein A Chromatography  |
| <b>Content :</b>           | 25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.                |
| <b>Storage condition :</b> | Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles. |

### Application Note

Western blot analysis: 2-4 µg/ml

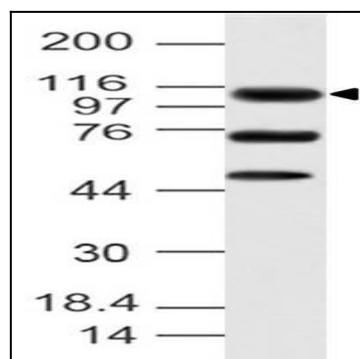


Fig-1: Western blot analysis of HOIP/RNF31. Anti-HOIP/RNF31 antibody (11-6006) was used at 4 µg/ml on Brain lysate