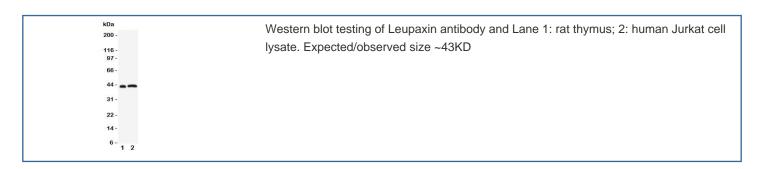


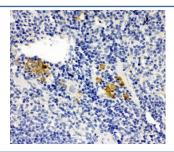
# Leupaxin Antibody (R31317)

| Catalog No. | Formulation   | Size   |
|-------------|---|--------|
| R31317      | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

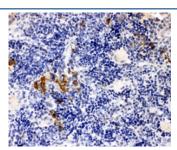
# **Bulk quote request**

| Availability       | 1-3 business days  |
|--------------------|--|
| Species Reactivity | Human, Mouse, Rat  |
| Format             | Antigen affinity purified  |
| Clonality          | Polyclonal (rabbit origin)   |
| Isotype            | Rabbit IgG   |
| Purity             | Antigen affinity   |
| Buffer             | Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal |
| UniProt            | O60711   |
| Applications       | Western Blot: 0.5-1ug/ml IHC (FFPE): 0.5-1ug/ml                          |
| Limitations        | This Leupaxin antibody is available for research use only.               |





IHC-P: Leupaxin antibody testing of mouse spleen tissue



## **Description**

Leupaxin is a protein that in humans is encoded by the LPXN gene. This gene is mapped to 11q12.1. The product encoded by this gene is preferentially expressed in hematopoietic cells and belongs to the paxillin protein family. Similar to other members of this focal-adhesion-associated adaptor-protein family, it has four leucine-rich LD-motifs in the N-terminus and four LIM domains in the C-terminus. It may function in cell type-specific signaling by associating with PYK2, a member of focal adhesion kinase family. As a substrate for a tyrosine kinase in lymphoid cells, Leupaxin may also function in, and be regulated by, tyrosine kinase activity.

#### **Application Notes**

The stated application concentrations are suggested starting amounts. Titration of the Leupaxin antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## **Immunogen**

An amino acid sequence from the N-terminus of human Leupaxin (KKHLPDKQDHKASLD) was used as the immunogen for this Leupaxin antibody.

#### **Storage**

After reconstitution, the Leupaxin antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.