

# Anti-L1RE1 antibody

**Cat. No.** ml263576

**Package** 25 μl/100 μl/200 μl

**Storage** -20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

**Product overview** 

**Description** Anti-L1RE1 rabbit polyclonal antibody

Applications ELISA, WB, IHC

Immunogen Synthetic peptide of human L1RE1

Reactivity Human

Content 0.4 mg/ml

Host species Rabbit

Ig class Immunogen-specific rabbit IgG

Purification Antigen affinity purification

**Target information** 

Symbol L1RE1

Full name LINE1 retrotransposable element 1



Synonyms L1.2; LRE1

Swissprot Q9UN81

## **Target Background**

Nucleic acid-binding protein which is essential for retrotransposition of LINE-1 elements in the genome. May function as a nucleic acid chaperone binding its own transcript and therefore preferentially mobilizing the transcript from which they are encoded.



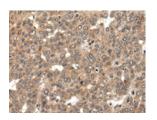
### **Applications**

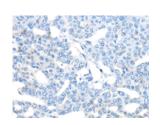
#### Immunohistochemistry

Predicted cell location: Cytoplasm or Nucleus

Positive control: Human liver cancer

Recommended dilution: 25-100





Good elisakii producer

The image on the left is immunohistochemistry of paraffinembedded Human liver cancer tissue using ml263576(L1RE1 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: ×200)

#### Western blotting

Predicted band size:40 kDa

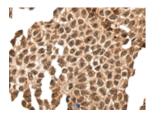
Positive control:A431 and 293T cell lysates

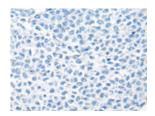
Recommended dilution: 200-1000

Predicted cell location: Cytoplasm or Nucleus

Positive control: Human ovarian cancer

Recommended dilution: 25-100





The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using ml263576(L1RE1 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: ×200)



Gel: 8%SDS-PAGE

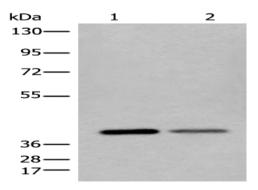
Lysate: 40 µg

Lane 1-2: A431 and 293T cell lysates

Primary antibody: ml263576(L1RE1 Antibody) at dilution 1/200

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 10 seconds



#### **ELISA**

Recommended dilution: 5000-10000

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