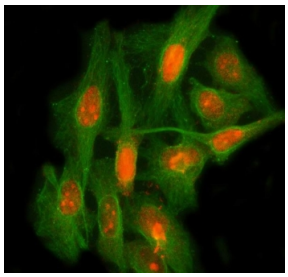
# LEO1 Antibody / RNA polymerase-associated protein LEO1 (RQ8579)

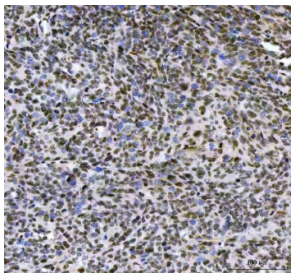
| Catalog No. | Formulation | Size |
|---|---|---|
| RQ8579 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

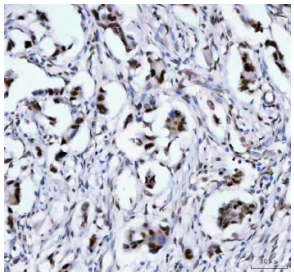
| | |
|---|---|
| **Availability** | 1-3 days |
| **Species Reactivity** | Human, Mouse, Rat |
| **Format** | Antigen affinity purified |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit IgG |
| **Purity** | Antigen affinity purified |
| **Buffer** | Lyophilized from 1X PBS with 2% Trehalose |
| **UniProt** | Q8WVC0 |
| **Localization** | Nuclear |
| **Applications** | Western Blot : 0.5-1ug/ml<br>Immunohistochemistry (FFPE) : 2-5ug/ml<br>Immunofluorescence : 5ug/ml<br>Flow Cytometry : 1-3ug/million cells<br>ELISA : 0.1-0.5ug/ml |
| **Limitations** | This LEO1 antibody is available for research use only. |



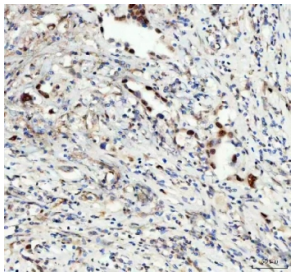
Immunofluorescent staining of FFPE human HeLa cells with LEO1 antibody (red) and Beta Tubulin mAb (green). HIER: steam section in pH6 citrate buffer for 20 min.



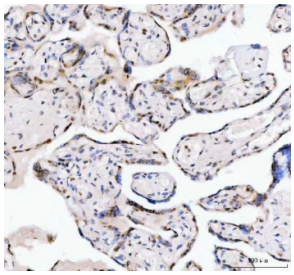
IHC staining of FFPE human cervical squamous carcinoma tissue with LEO1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



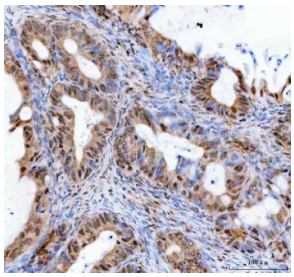
IHC staining of FFPE human breast cancer tissue with LEO1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



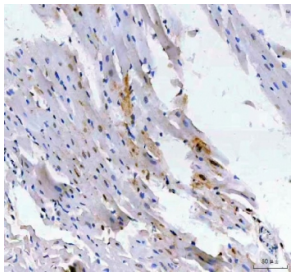
IHC staining of FFPE human rectum adenocarcinoma tissue with LEO1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



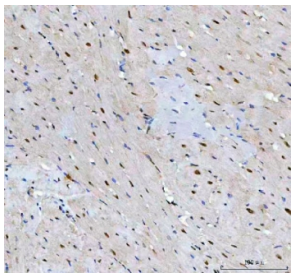
IHC staining of FFPE human placental tissue with LEO1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



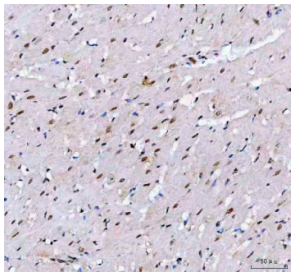
IHC staining of FFPE human ovarian serous adenocarcinoma tissue with LEO1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



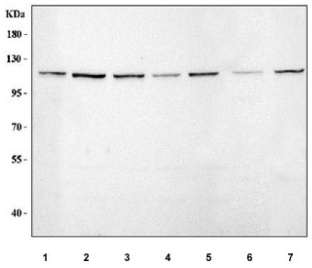
IHC staining of FFPE mouse heart tissue with LEO1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE rat heart tissue with LEO1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE rat heart tissue with LEO1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.




Western blot testing of 1) human HeLa, 2) human MCF7, 3) human HepG2, 4) human A549, 5) human RT4, 6) rat brain and 7) mouse C2C12 cell lysate with LEO1 antibody. Predicted molecular weight ~75 kDa but can be observed at ~105 kDa.

## Description

RNA polymerase-associated protein LEO1 is an enzyme that in humans is encoded by the LEO1 gene. LEO1, parafibromin (CDC73; MIM 607393), CTR9 (MIM 609366), and PAF1 (MIM 610506) form the PAF protein complex that associates with the RNA polymerase II subunit POLR2A (MIM 180660) and with a histone methyltransferase complex

## Application Notes

Optimal dilution of the LEO1 antibody should be determined by the researcher.

## Immunogen

An E.coli-derived human recombinant protein (amino acids E355-R593) was used as the immunogen for the LEO1 antibody.

## Storage

After reconstitution, the LEO1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.