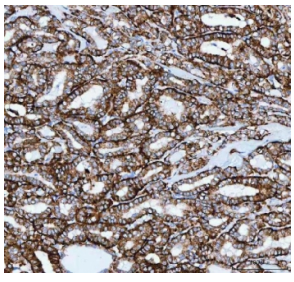
Josephin 2 Antibody / JOSD2 (RQ8573)

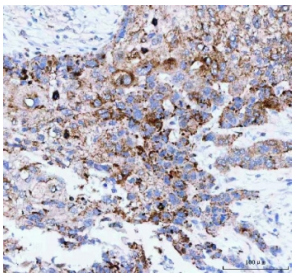
Catalog No.	Formulation	Size
RQ8573	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

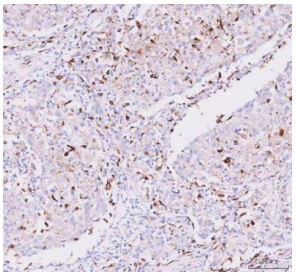
Availability	1-3 days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q8TAC2
Localization	Cytoplasm
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry (FFPE): 2-5ug/ml Flow cytometry: 1-3ug/million cells ELISA: 0.1-0.5ug/ml
Limitations	This Josephin 2 antibody is available for research use only.



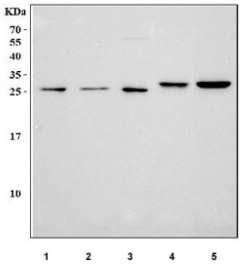
IHC staining of FFPE human thyroid papillary carcinoma tissue with Josephin 2 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



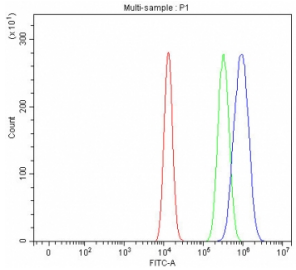
IHC staining of FFPE human esophageal squamous carcinoma tissue with Josephin 2 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human lung cancer tissue with Josephin 2 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of 1) human A549, 2) human PC-3, 3) human MCF7, 4) rat liver and 5) mouse liver tissue lysate with Josephin 2 antibody. Predicted molecular weight ~21 kDa.



Flow cytometry testing of fixed and permeabilized human HEL cells with Josephin 2 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Josephin 2 antibody.

Description

JOSD2 (Josephin-2) is a member of the Machado-Joseph Domain (MJD) deubiquitinating enzyme family. Other family members include: Ataxin-3, Ataxin-3L, and JOSD1. JOSD2 preferentially cleaves K63-linked ubiquitin chains, with much weaker activity toward K48-linked ubiquitin chains in vitro.

Application Notes

Optimal dilution of the Josephin 2 antibody should be determined by the researcher.

Immunogen

An E.coli-derived human recombinant protein (amino acids M1-D188) was used as the immunogen for the Josephin 2 antibody.

Storage

After reconstitution, the Josephin 2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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