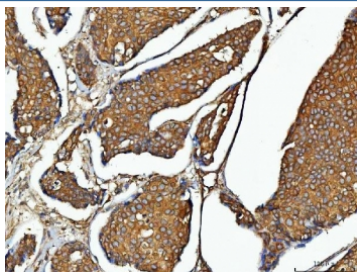


Elongation Factor 2 Antibody / EEF2 (RQ6172)

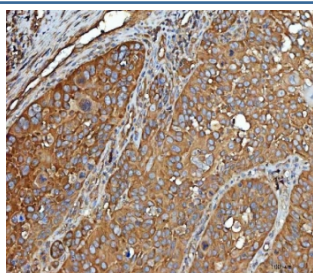
Catalog No.	Formulation	Size
RQ6172	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

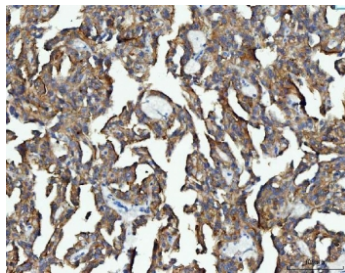
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat, Monkey, Zebrafish
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P13639
Localization	Cytoplasmic, nuclear
Applications	Western Blot : 1-2ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml Direct ELISA : 0.1-0.5ug/ml
Limitations	This Elongation Factor 2 antibody is available for research use only.



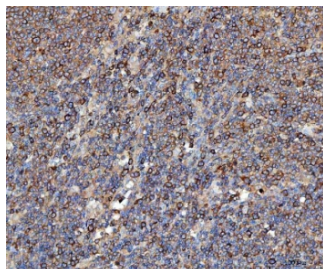
IHC staining of FFPE human breast cancer tissue with Elongation Factor 2 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



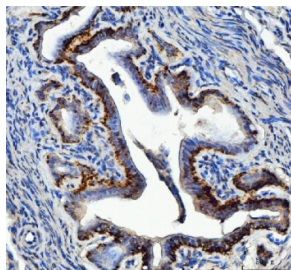
IHC staining of FFPE human laryngeal squamous cell carcinoma tissue with Elongation Factor 2 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



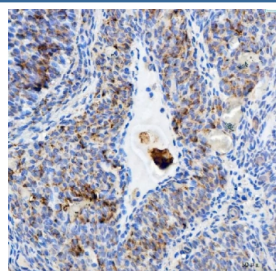
IHC staining of FFPE human renal cancer with Elongation Factor 2 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



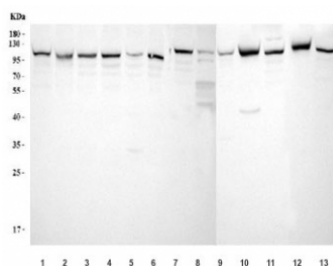
IHC staining of FFPE human lymphoma with Elongation Factor 2 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE mouse ovary with Elongation Factor 2 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE rat ovary with Elongation Factor 2 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of 1) human Jurkat, 2) monkey COS-7, 3) human HeLa, 4) human 293T, 5) human HepG2, 6) human Daudi, 7) human MCF7, 8) zebrafish, 9) rat stomach, 10) rat pancreas, 11) rat C6, 12) mouse pancreas and 13) mouse 3T3L1 cell lysate with Elongation Factor 2 antibody. Predicted molecular weight ~95 kDa.

Description

Eukaryotic elongation factor 2 is a protein that in humans is encoded by the *EEF2* gene. This gene encodes a member of the GTP-binding translation elongation factor family. This protein is an essential factor for protein synthesis. It promotes the GTP-dependent translocation of the nascent protein chain from the A-site to the P-site of the ribosome. This protein is completely inactivated by EF-2 kinase phosphorylation.

Application Notes

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

Immunogen

A human recombinant partial protein (amino acids M1-L858) was used as the immunogen for the Elongation Factor 2 antibody.

Storage

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