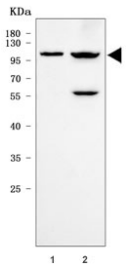
Quiescin Q6 Antibody / QSOX1 / Sulfhydryl oxidase 1 (RQ7722)

Catalog No.	Formulation	Size
RQ7722	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
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	O00391
Applications	Western blot: 0.5-1ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This Quiescin Q6 antibody is available for research use only.



Western blot testing of human 1) A431 and 2) U-251 cell lysate with Quiescin Q6 antibody. Predicted molecular weight ~83 kDa but may be observed at higher molecular weights due to glycosylation.

Description

Sulfhydryl oxidase 1 is an enzyme that in humans is encoded by the QSOX1 gene. This gene encodes a protein that contains domains of thioredoxin and ERV1, members of two long-standing gene families. The gene expression is induced as fibroblasts begin to exit the proliferative cycle and enter quiescence, suggesting that this gene plays an important role in growth regulation. Two transcript variants encoding two different isoforms have been found for this gene.

Application Notes

Optimal dilution of the Quiescin Q6 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids R32-Q421) was used as the immunogen for the Quiescin Q6 antibody.

Storage

After reconstitution, the Quiescin Q6 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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