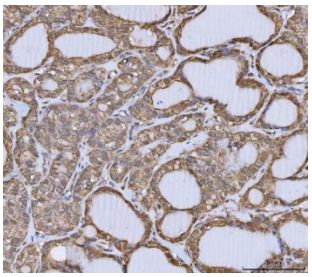
ANXA10 Antibody / Annexin A10 (RQ7403)

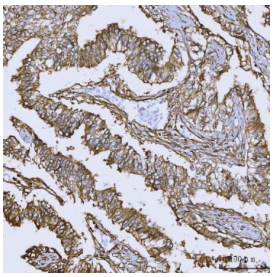
Catalog No.	Formulation	Size
RQ7403	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

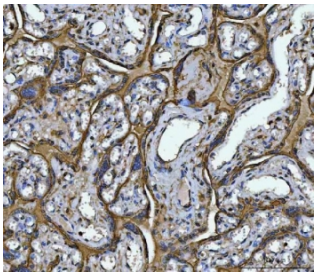
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9UJ72
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry (FFPE): 2-5ug/ml Flow cytometry: 1-3ug/million cells Immunofluorescence: 5ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This ANXA10 antibody is available for research use only.



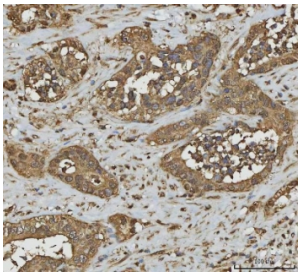
IHC staining of FFPE human thyroid cancer tissue with ANXA10 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



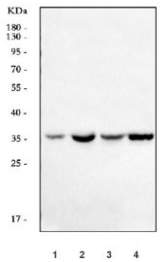
IHC staining of FFPE human lung adenocarcinoma tissue with ANXA10 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



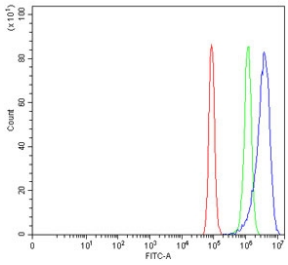
IHC staining of FFPE human placenta tissue with ANXA10 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



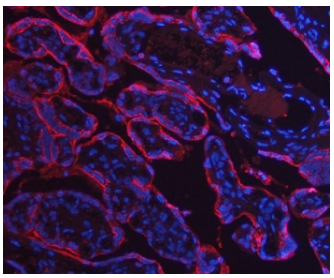
IHC staining of FFPE human appendiceal adenocarcinoma tissue with ANXA10 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of human 1) Caco-2, 2) HeLa, 3) A431 and 4) K562 cell lysate with ANXA10 antibody. Predicted molecular weight ~37 kDa.



Flow cytometry testing of human PC-3 cells with ANXA10 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= ANXA10 antibody.



Immunofluorescent staining of FFPE human placental tissue with ANXA10 antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH8 EDTA buffer for 20 min.

Description

ANXA10 (Annexin A10) is a member of the annexin family of calcium-dependent phospholipid-binding proteins. By FISH, Morgan et al.(1999) mapped the ANXA10 gene to chromosome 4q33. Morgan et al.(1999) suggested that the ablation or depletion of principal calcium-binding sites in annexins A9 and A10, respectively, may dispose them to function in distinct tissue environments where calcium sensitivity is not a major functional determinant.

Application Notes

Optimal dilution of the ANXA10 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids N49-Y324) was used as the immunogen for the ANXA10 antibody.

Storage

After reconstitution, the ANXA10 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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