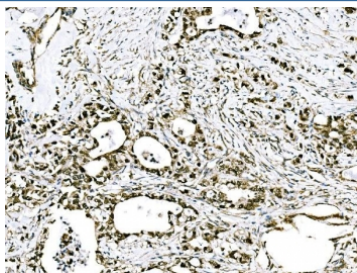


GRHL2 Antibody / Grainyhead-like protein 2 homolog (RQ6879)

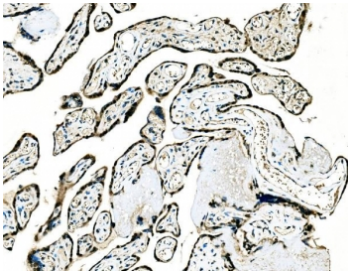
Catalog No.	Formulation	Size
RQ6879	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

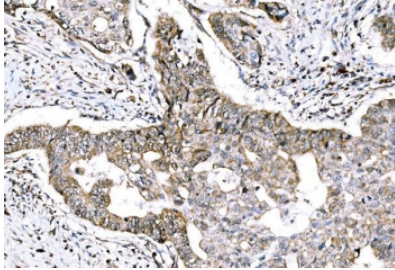
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q6ISB3
Localization	Cytoplasmic, nuclear
Applications	Western Blot : 1-2ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml Immunofluorescence (FFPE) : 5ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This GRHL2 antibody is available for research use only.



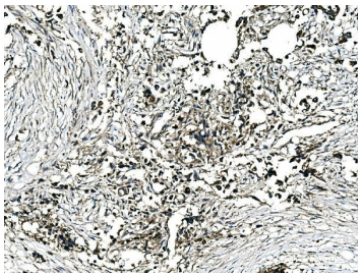
IHC staining of FFPE human stomach cancer tissue with GRHL2 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



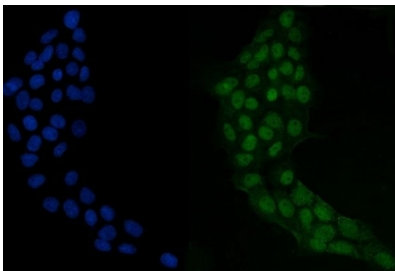
IHC staining of FFPE human placental tissue with GRHL2 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



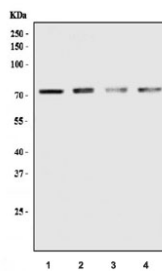
IHC staining of FFPE human adenocarcinoma of the right colon with GRHL2 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



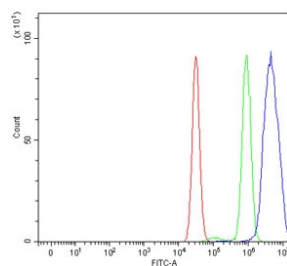
IHC staining of FFPE human breast cancer tissue with GRHL2 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



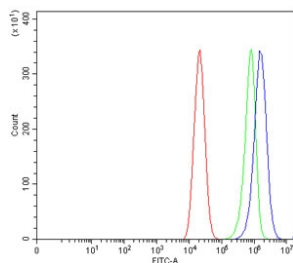
Immunofluorescent staining of FFPE human A431 cells with GRHL2 antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human 1) T-47D, 2) RT-4, 3) HaCat and 4) MCF7 cell lysate with GRHL2 antibody. Predicted molecular weight ~71 kDa.



Flow cytometry testing of human MCF7 cells with GRHL2 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= GRHL2 antibody.



Flow cytometry testing of human Caco-2 cells with GRHL2 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= GRHL2 antibody.

Description

The protein encoded by this gene is a transcription factor that can act as a homodimer or as a heterodimer with either GRHL1 or GRHL3. Defects in this gene are a cause of non-syndromic sensorineural deafness autosomal dominant type 28 (DFNA28).

Application Notes

Optimal dilution of the GRHL2 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids M1-I625) was used as the immunogen for the GRHL2 antibody.

Storage

After reconstitution, the GRHL2 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.