CEP97 Antibody

Catalog No: #36345

Description

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Product Name	CEP97 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CEP97 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human centrosomal protein 97kDa
Target Name	CEP97
Other Names	LRRIQ2; 2810403B08Rik
Accession No.	Swiss-Prot#: Q8IW35NCBI Gene ID: 79598Gene Accssion: BC041085
Uniprot	Q8IW35
GeneID	79598;
SDS-PAGE MW	97kd
Concentration	1.5mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500-1:2000

Immunohistochemistry: 1:50-1:200

Images
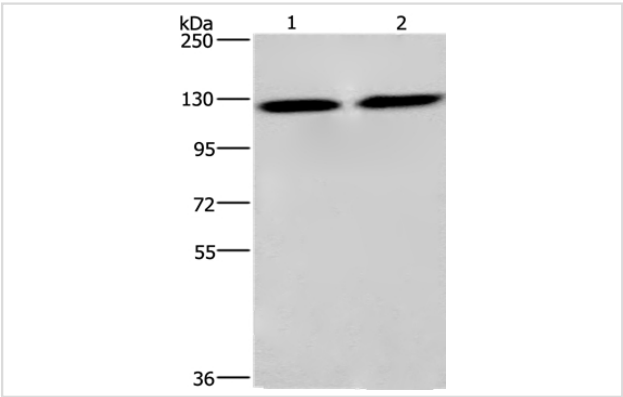
Gel: 6%SDS-PAGE
Lysates (from left to right): PC3 and lovo cell
Amount of lysate: 40ug per lane
Primary antibody: 1/750 dilution
Secondary antibody dilution: 1/8000
Exposure time: 3 seconds
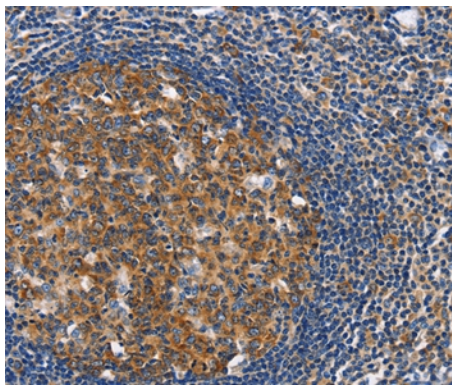
Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #36345 at dilution 1/40.

Background

Centrosomal protein of 97 kDa?(Cep97), also known as?leucine-rich repeat and IQ domain-containing protein 2?(LRRIQ2), is a?protein?that in humans is encoded by the?CEP97?gene. Acts as a key negative regulator of ciliogenesis in collaboration with CCP110 by capping the mother centriole thereby preventing cilia formation. Required for recruitment of CCP110 to the centrosome. Interacts with CALM1, CEP76 and CCP110. Via its interaction with CCP110, may indirectly interact with HERC2 and NEURL4. Interacts with KIF24.

Note: This product is for in vitro research use only