

UBAC2 Polyclonal Antibody

Catalog Number: E-AB-19595



Note: Centrifuge before opening to ensure complete recovery of vial contents.

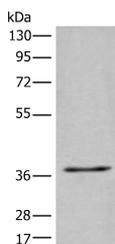
Description

Reactivity	Human, Mouse
Immunogen	Synthetic peptide of human UBAC2
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4

Applications Recommended Dilution

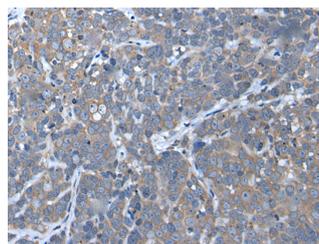
WB	1:500-1:2000
IHC	1:30-1:150
ELISA	1:5000-1:10000

Data



Western blot analysis of 231 cell lysate using UBAC2 Polyclonal Antibody at dilution of 1:400

Observed MW: Refer to figures
Calculated Mw: 39 kDa



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using UBAC2 Polyclonal Antibody at dilution of 1:50 (x200)

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

UBAC2 (ubiquitin-associated domain-containing protein 2), also known as PHGDHL1 (phosphoglycerate dehydrogenase-like protein 1), is a 344 amino acid multi-pass membrane protein that contains one UBA domain and is expressed as multiple alternatively spliced isoforms. The gene encoding UBAC2 maps to human chromosome 13, which houses over 400 genes, such as BRCA2 and RB1, and comprises nearly 4% of the human genome. As with most chromosomes, polysomy of part or all of chromosome 13 is deleterious to development and decreases the odds of survival. Trisomy 13, also known as Patau syndrome, is deadly and the few who survive past one year suffer from permanent neurologic defects, difficulty eating and vulnerability to serious respiratory infections.

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