

Product datasheet for **TA372061S**

UBAC2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: 231 cell lysate IHC: 30-150 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human UBAC2
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	39 kDa
Gene Name:	UBA domain containing 2
Database Link:	Entrez Gene 337867 Human Q8NBM4



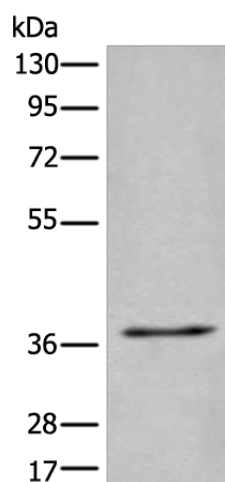
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Background:

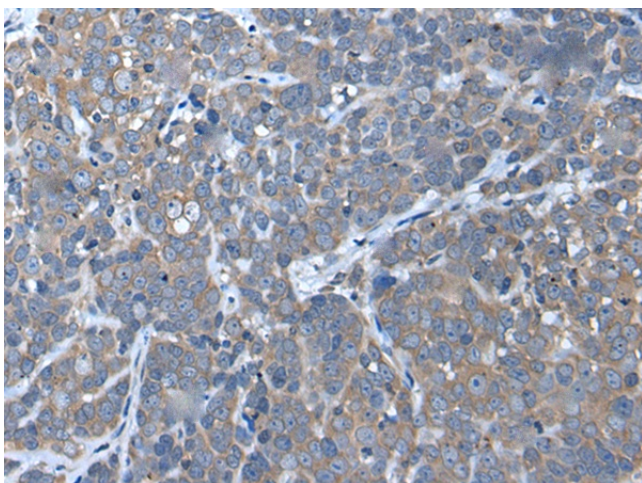
UBAC2 (ubiquitin-associated domain-containing protein 2), also known as PHGDHL1 (phosphoglycerate dehydrogenase-like protein 1), is a 344 amino acid multi-pass membrane protein that contains one UBA domain and is expressed as multiple alternatively spliced isoforms. The gene encoding UBAC2 maps to human 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.

Synonyms:

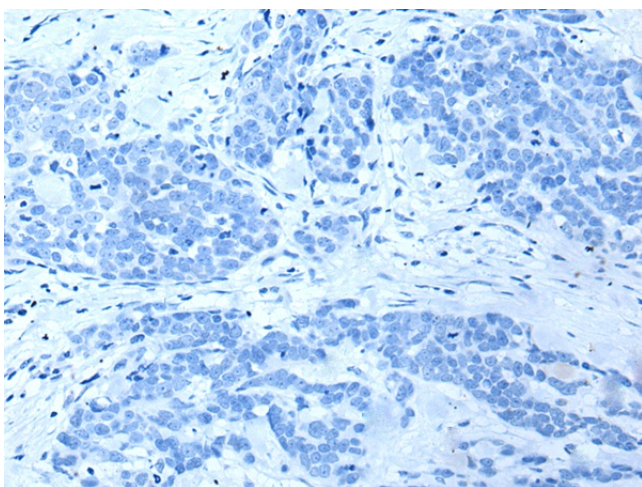
FLJ26351; FLJ30001; FLJ30548; FLJ42413; MGC90487; PHGDHL1; RP11-178C10.1

Product images:

Gel: 8%SDS-PAGE
Lysate: 40 μ g
Lane: 231 cell lysate
Primary antibody: [TA372061] (UBAC2 Antibody) at dilution 1/400
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 5 seconds



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA372061] (UBAC2 Antibody) at dilution 1/50 (Original magnification: \times 200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA372061] (UBAC2 Antibody) at dilution 1/50, treated with synthetic peptide. (Original magnification: ×200)