

UBL4 Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)

Animal ID: RB4193/4194	Catalog #: AP2129a	Size: 0.1 mg
Source: Rabbit	Lot #: SH030917G-H	Concentration: 0.25 mg/ml

Background:

The UBL4 gene lies in a ubiquitiously transcribed region on the X chromosome approximately 40 kb downstream of glucose-6-phosphate dehydrogenase (G6PD).1 The UBL4 gene, which encodes for a 157 amino acid protein, is consistent with the characteristics of a housekeeping gene, since transcripts are detected a multiple cell types, and the protomoter region is rich in GC sequences and lacks signals such as TATA and CAT boxes. The UBL4 protein bears strong similarity in its 72 N-terminal amino acids to ubiquitin. In the middle of the C-terminus moiety of the UBL4 protein, similarities to the thyroglobulin hormonogenic site, the sequence that surrounds the tyrosines that will form thyroxine, have been demonstrated.2 It has been inferred from these data that the UBL4 protein plays an important role in essential cellular functions.

Keywords:

Plexin; Division; Transcription; Genetic



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Accession #: UBLG_HUMAN
Molecular Weight: 17776 Da

Specificity:

Human: Positive Other species: Not tested

Applications:

The suggested dilution will be:

ELISA 1:1,000
Western blotting Not tested
Immunohistochemistry Not tested
Immunoprecipitation Not tested
Flow cytometry Not tested

Isotype: Rabbit Ig

Description: This antibody is generated from rabbits immunized

with a KLH conjugated synthetic peptide (10-30 aa in length) at the N-term of first 50 aa of human

UBL4.

Storage: Maintain refrigerated at 2-8 ° C for up to 6 months.

For long term storage store at -20 ° C.

Format: Purified rabbit polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is

with both high and low pH buffers and neutralized immediately after elution then followed by dialysis

against PBS.

Precautions: This product is for research use only. Not for use

in diagnostic or therapeutic procedures.

References:

1. Chen, E.Y., et al., Hum. Mol. Genet. 5(5):659-668 (1996).

 Toniolo, D., et al., Proc. Natl. Acad. Sci. U.S.A. 85(3):851-855 (1988).

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