BACKGROUND

Ubiquitin is a 77 amino acid protein that targets proteins for degradation by the 26S Proteasome. Ubiquitin-like proteins are not directly involved in protein degradation, but appear to have many mechanistic similarities with the ubiquitin pathway. UBL3 (ubiquitin-like protein 3), also known as membrane-anchored ubiquitin-fold protein (MUB) or PNSC1, is a 117 amino acid membrane protein belonging to the ubiquitin-like family. Highly conserved between species, UBL3 contains two potential N-glycosylation sites, a potential protein kinase C phosphorylation site and a potential C-terminal prenylation site. The gene encoding UBL3 is localized to chromosome 13q12.3.

REFERENCES


CHROMOSOMAL LOCATION

Genetic locus: UBL3 (human) mapping to 13q12.3; Ubl3 (mouse) mapping to 5 G3.

SOURCE

UBL3 (C-2) is a mouse monoclonal antibody raised against amino acids 57-117 mapping at the C-terminus of UBL3 of human origin.

PRODUCT

Each vial contains 200 µg IgGκ kappa light chain in 1.0 ml of PBS with <0.1% sodium azide and 0.1% gelatin.

STORAGE

Store at 4°C. **DO NOT FREEZE**. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

APPLIED SUGGESTED SUPPORT REAGENTS

To ensure optimal results, the following support reagents are recommended:

DATA

UBL3 (C-2): sc-514190. Western blot analysis of UBL3 expression in non-transfected: sc-117752 (A) and mouse UBL3 transfected: sc-124425 (B) 293T whole cell lysates.

PROTOCOLS

See our web site at www.scbt.com for detailed protocols and support products.