

Anti-URP1 (Kindlin1) Antibody

Catalog # AN2145

Product Information

Application	WB
Primary Accession	Q9BQL6
Reactivity	Rat
Host	Rabbit
Clonality	Rabbit Polyclonal
Isotype	IgG
Calculated MW	77437

Additional Information

Gene ID	55612
Other Names	FERMT1, Fermitin family homolog 1, Kindlerin, Kindlin syndrome protein, Unc-112-related protein 1, C20orf42, KIND1
Dilution	WB~~1:1000
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Anti-URP1 (Kindlin1) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
Shipping	Blue Ice

Background

Due to a concerted effort to identify biomarkers for lung and colon carcinomas by genome-wide transcriptional profiling, the identification and cloning of one such gene as well as two additional closely related genes was achieved. Due to the strong sequence homology to the *C. elegans* UNC-112 a novel gene was named URP1, for UNC-112 related protein. Another novel related gene, URP2 and the previously discovered MIG-2 gene was also identified. Transcriptional analysis shows that only URP1 is significantly differentially regulated, being over-expressed in 70% of the colon carcinomas and 60% of the lung carcinomas tested. Quantification of URP1 expression by qRT-PCR showed up-regulation of the gene by 60-fold in lung tumors and up to nearly 6-fold in colon tumors. Northern blot analysis of URP1 indicates that normal expression is restricted to neuromuscular tissues. In contrast, the expression of URP2 appears to be confined primarily to tissues of the immune system. URP1 has the potential to be one of the most important prognostic and diagnostic markers of colon or lung cancer.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.