

Product datasheet for **TA302028**

URM1 Rabbit Polyclonal Antibody

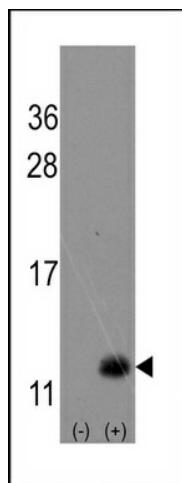
Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1:1000, IHC: 1:10~50
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	This URM1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 8-40 amino acids from the N-terminal region of human URM1.
Formulation:	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	11249 Da
Gene Name:	ubiquitin related modifier 1
Database Link:	NP_112176 Entrez Gene 81605 Human Q9BTM9
Background:	Following the discovery of protein modification by the small, highly conserved ubiquitin polypeptide, a number of distinct ubiquitin-like proteins (UbIs) have been found to function as protein modifiers as well. These UbIs, which include SUMO, ISG15, Nedd8, and Atg8, function as critical regulators of many cellular processes, including transcription, DNA repair, signal transduction, autophagy, and cell-cycle control. A growing body of data also implicates the dysregulation of Ubl-substrate modification and mutations in the Ubl-conjugation machinery in the etiology and progression of a number of human diseases. URM1 is a ubiquitin-like modifier protein.

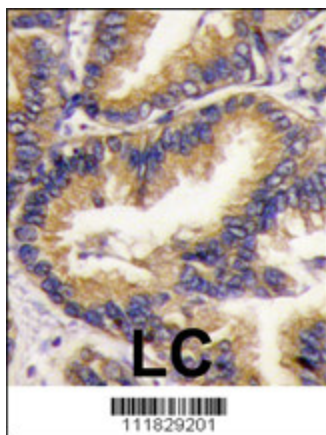
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Synonyms: C9orf74

Product images:



Western blot analysis of hURM1 (arrow) using rabbit polyclonal hURM1 Antibody (N-term) (Cat.#TA302028). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the hURM1 gene (Lane 2) (Origene Technologies).



Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with URM1 Antibody (N-term) (Cat.#TA302028), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.