

Product Name: Ubiquitin Rabbit Monoclonal Antibody
Catalog #: AMRe02738



Summary

Production Name	Ubiquitin Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB, ICC/IF
Reactivity	Human, Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Immunogen

Gene Name	UBB
Alternative Names	FLJ25987; MGC8385; ubiquitin B; Ubiquitin; UBCEP1; UBCEP2; RPS27A
Gene ID	7314
SwissProt ID	P0CG47.

Application

Dilution Ratio	WB: 1:500-1:1000 IF: 1:50-1:200
Molecular Weight	Calculated MW: 26 kDa; Observed MW: 8 kDa

Background

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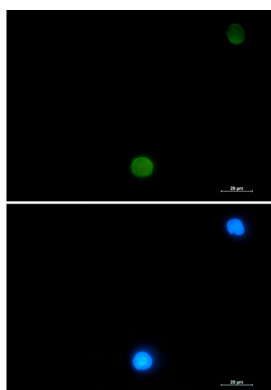


Plays an important role in the ubiquitin-proteasome pathway. Ubiquitin can be covalently linked to many cellular proteins by the ubiquitination process, which targets proteins for degradation by the 26S proteasome. Three components are involved in the target protein-ubiquitin conjugation process. Ubiquitin is first activated by forming a thiolester complex with the activation component E1; the activated ubiquitin is subsequently transferred to the ubiquitin-carrier protein E2, then from E2 to ubiquitin ligase E3 for final delivery to the epsilon-NH2 of the target protein lysine residue.

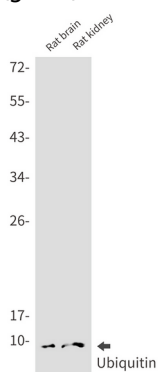
Research Area

Neuroscience

Image Data

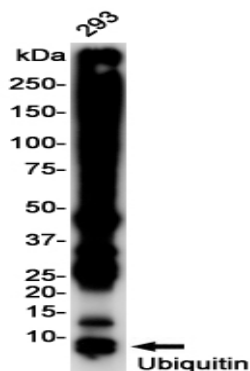


Immunocytochemistry analysis of Ubiquitin (green) in CEM using Ubiquitin antibody, and DAPI (blue).



Western blot analysis of Ubiquitin in rat brain, rat kidney lysates using Ubiquitin antibody.

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Western blot analysis of Ubiquitin in 293 lysates using Ubiquitin antibody

Note

For research use only.