

Basic Information

Product Name	Anti-Ubiquitin/UBB Antibody (Clone#DIG-21)	
Gene Name	UBB	
Source	Rabbit	
Clonality	Monoclonal	
Isotype	IgG	
Species Reactivity	human, mouse, rat	
Tested Application	WB, IHC, ICC/IF, FCM	
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.	
Immunogen	A synthesized peptide derived from human Ubiquitin	
Concentration	500 ug/ml	
Purification	Affinity-chromatography	
Observed MW	10 kDa	
Dilution Ratios	Western blot (WB):	1:500-2000
	Immunohistochemistry (IHC):	1:50-200
	Immunocytochemistry/Immunofluorescence (ICC/IF):	1:50-200
	Flow Cytometry (FCM):	1:50

Storage

12 months from date of receipt, -20°C as supplied.

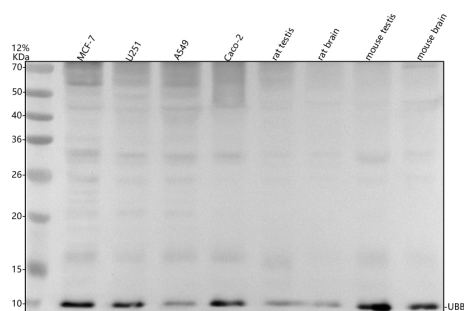
Background Information

Ubiquitin (originally, ubiquitous immunopoietic polypeptide) is a small regulatory protein that has been found in almost all tissues (ubiquitously) of eukaryotic organisms. Its gene is mapped to 16p 13.3. The ubiquitin protein itself consists of 76 amino acids and has a molecular mass of about 8.5 kDa. Ubiquitin binds to proteins and labels them for destruction. It directs protein recycling and also direct proteins to other locations in the cell, where they control other protein and cell mechanisms.

Reference

Anti-Ubiquitin/UBB Antibody (Clone#DIG-21)被引用在5文献中。

Selected Validation Data



Western blot analysis of anti-Ubiquitin/UBB antibody (BM4359). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: human MCF-7 whole cell lysates,

Lane 2: human U251 whole cell lysates,

Lane 3: human A549 whole cell lysates,

Lane 4: human Caco-2 whole cell lysates,

Lane 5: rat testis tissue lysates,

Lane 6: rat brain tissue lysates,

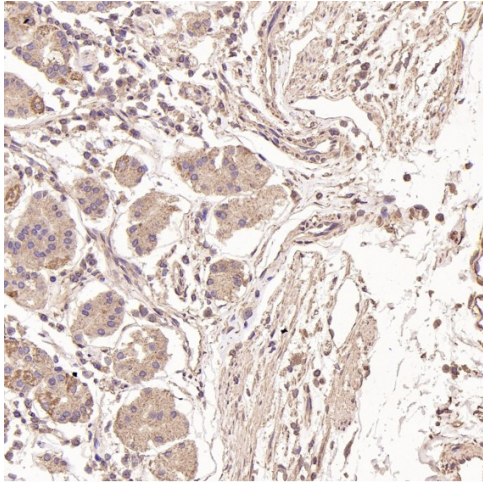
Lane 7: mouse testis tissue lysates,

Lane 8: mouse brain tissue lysates.

After electrophoresis, proteins were transferred to a membrane.

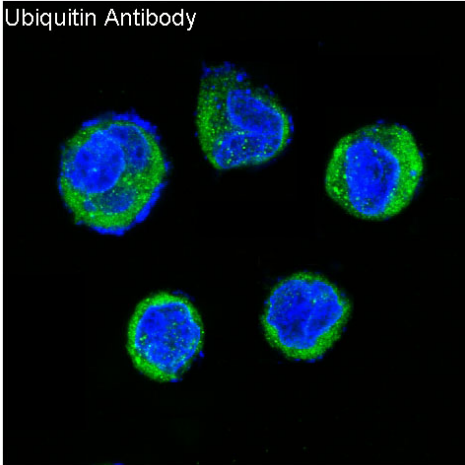
Then the membrane was incubated with rabbit anti-Ubiquitin/UBB antigen affinity purified monoclonal antibody (BM4359) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for Ubiquitin/UBB at approximately 10 kDa. The expected band size for Ubiquitin/UBB is at 26 kDa.

Product datasheet
Anti-Ubiquitin/UBB Antibody
(Clone#DIG-21)
Catalog Number: BM4359



Immunohistochemical analysis of paraffin-embedded Human stomach, using the Antibody.

Ubiquitin Antibody



Immunofluorescent analysis of Raji cells, using Ubiquitin Antibody .