



Datasheet for ABIN2731359
anti-UBA2 antibody



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3 Images

Overview

Quantity:	0.1 mL
Target:	UBA2
Reactivity:	Human, Rat, Dog, Monkey
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Full length human recombinant protein of human UBA2 (NP_005490) produced in HEK293T cell.
Clone:	4A3
Isotype:	IgG2a
Characteristics:	Homo sapiens ubiquitin-like modifier activating enzyme 2 (UBA2)
Purification:	Purified from mouse ascites fluids by affinity chromatography

Target Details

Target:	UBA2
Alternative Name:	UBA2 (UBA2 Products)
Background:	Posttranslational modification of proteins by the addition of the small protein SUMO (see SUMO1, MIM 601912), or sumoylation, regulates protein structure and intracellular localization. SAE1 (MIM 613294) and UBA2 form a heterodimer that functions as a SUMO-activating

Target Details

enzyme for the sumoylation of proteins (Okuma et al., 1999 [PubMed 9920803]).

Molecular Weight: 71 kDa

Gene ID: 10054

NCBI Accession: [NM_005499](#)

HGNC: 10054

Application Details

Application Notes: WB 1:500~2000, IHC 1:150, IF 1:100,

Comment: The concentration of the product may vary between different lots.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5-1.0 mg/mL

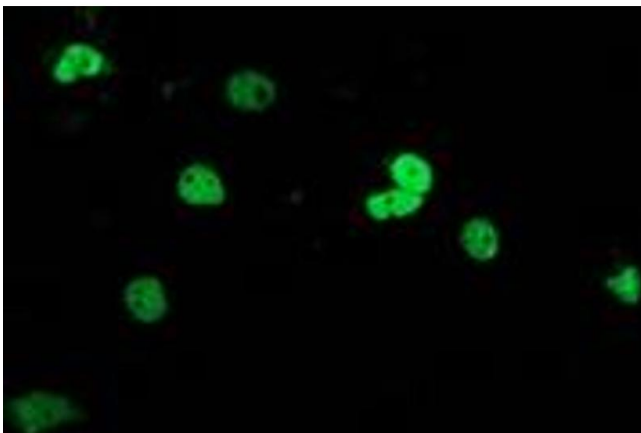
Buffer: PBS (PH 7.3) containing 1 % BSA, 50 % glycerol and 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

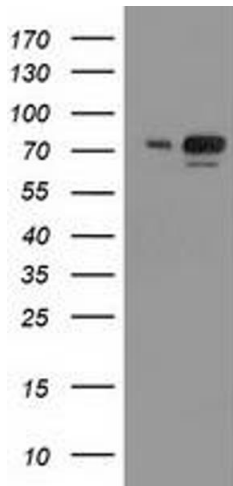
Storage: -20 °C

Images



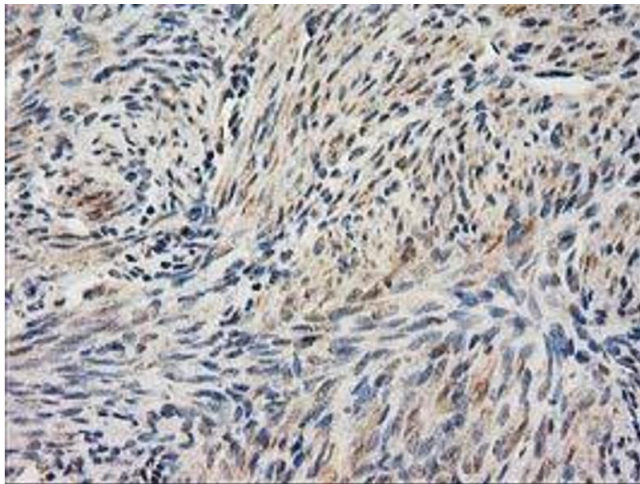
Immunofluorescence

Image 1. Anti-UBA2 mouse monoclonal antibody (ABIN2454287) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY UBA2 (RC201288).



Western Blotting

Image 2. HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY UBA2 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 μ g per lane) were separated by SDS-PAGE and immunoblotted with anti-UBA2.



Immunohistochemistry

Image 3. Immunohistochemical staining of paraffin-embedded Human endometrium tissue using anti-UBA2 mouse monoclonal antibody. (ABIN2454287)