

Datasheet for ABIN7174530
anti-UBA6 antibody (AA 1-44)

3 Images

[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	UBA6
Binding Specificity:	AA 1-44
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UBA6 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Ubiquitin-like modifier-activating enzyme 6 protein (1-44AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	UBA6
Alternative Name:	UBA6 (UBA6 Products)
Background:	Background: Activates ubiquitin by first adenylating its C-terminal glycine residue with ATP, and thereafter linking this residue to the side chain of a cysteine residue in E1, yielding a ubiquitin-E1

Target Details

thioester and free AMP. Specific for ubiquitin, does not activate ubiquitin-like peptides. Differs from UBE1 in its specificity for substrate E2 charging. Does not charge cell cycle E2s, such as CDC34. Essential for embryonic development. Required for UBD/FAT10 conjugation. Isoform 2 may play a key role in ubiquitin system and may influence spermatogenesis and male fertility. Aliases: E1-L2 antibody, FLJ10808 antibody, FLJ23367 antibody, Monocyte protein 4 antibody, MOP 4 antibody, MOP-4 antibody, MOP4 antibody, UBA 6 antibody, Uba6 antibody, UBA6 ubiquitin activating enzyme E1 antibody, UBA6_HUMAN antibody, UBE1L2 antibody, Ubiquitin activating enzyme 6 antibody, Ubiquitin activating enzyme E1 like 2 antibody, Ubiquitin activating enzyme E1 like protein 2 antibody, Ubiquitin like modifier activating enzyme 6 antibody, Ubiquitin-activating enzyme 6 antibody, Ubiquitin-activating enzyme E1-like protein 2 antibody, Ubiquitin-like modifier-activating enzyme 6 antibody

UniProt: [A0AVT1](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

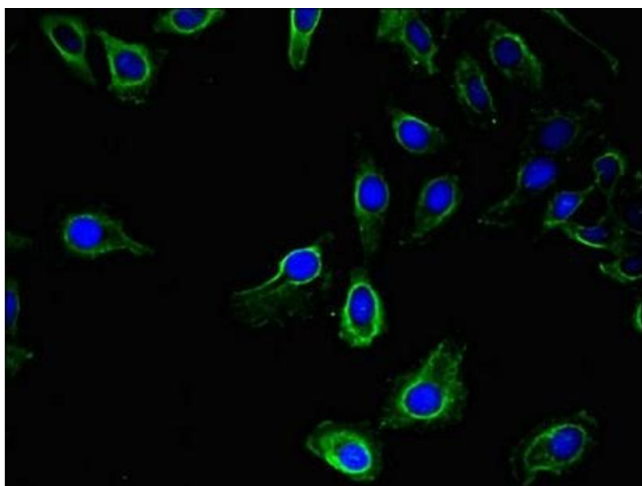
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

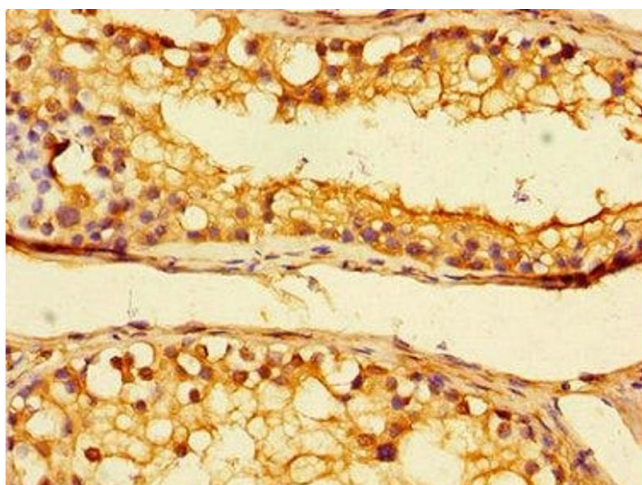
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



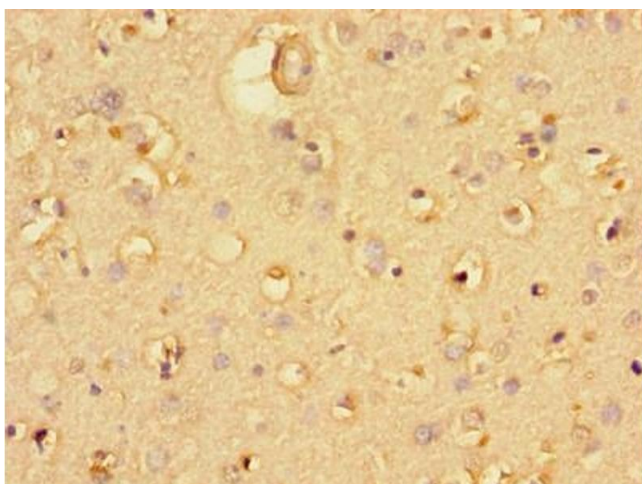
Immunofluorescence

Image 1. Immunofluorescent analysis of HeLa cells using ABIN7174530 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human testis tissue using ABIN7174530 at dilution of 1:100



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human brain tissue using ABIN7174530 at dilution of 1:100