

Datasheet for ABIN6243328
anti-ULK3 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	ULK3
Binding Specificity:	AA 435-468, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ULK3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This ULK3 antibody is generated from a mouse immunized with a KLH conjugated synthetic peptide between 435-468 amino acids from the C-terminal region of human ULK3.
Clone:	1404CT148-89-25
Isotype:	IgG1 kappa
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.

Target Details

Target:	ULK3
Alternative Name:	ULK3 (ULK3 Products)
Background:	Serine/threonine protein kinase that acts as a regulator of Sonic hedgehog (SHH) signaling and

Target Details

autophagy. Acts as a negative regulator of SHH signaling in the absence of SHH ligand: interacts with SUFU, thereby inactivating the protein kinase activity and preventing phosphorylation of GLI proteins (GLI1, GLI2 and/or GLI3). Positively regulates SHH signaling in the presence of SHH: dissociates from SUFU, autophosphorylates and mediates phosphorylation of GLI2, activating it and promoting its nuclear translocation. Phosphorylates in vitro GLI2, as well as GLI1 and GLI3, although less efficiently. Also acts as a regulator of autophagy: following cellular senescence, able to induce autophagy.

Molecular Weight: 53444

UniProt: [Q6PHR2](#)

Application Details

Application Notes: IHC: 1:50. WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

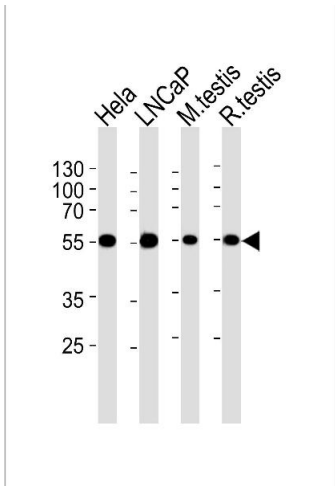
Buffer: Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

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

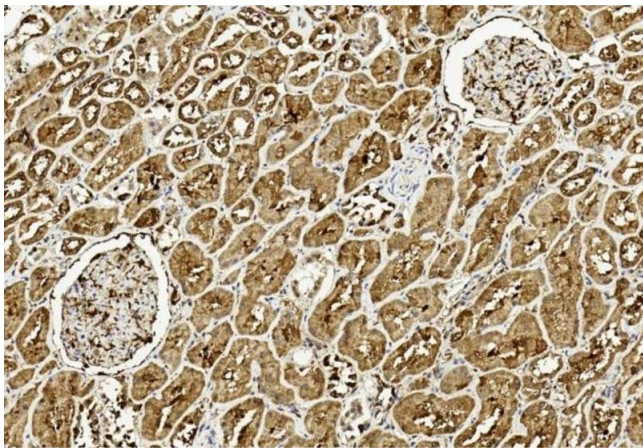
Storage: 4 °C,-20 °C

Expiry Date: 6 months



Western Blotting

Image 1. Western blot analysis of lysates from HeLa, LNCaP cell line, mouse testis and rat testis tissue lysates (from left to right), using ULK3 Antibody (C-term) (ABIN6243328 and ABIN6577077). (ABIN6243328 and ABIN6577077) was diluted at 1:1000 at each lane. A goat anti-mouse IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35 µg per lane.



Immunohistochemistry

Image 2. Immunohistochemical analysis of paraffin-embedded Human kidney section using Pink1 antibody (am8437c). am8437c was diluted at 1:50 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.