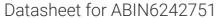
antibodies - online.com







anti-SYNE2 antibody (AA 1843-1877)



Background:



Overview	
Quantity:	200 μL
Target:	SYNE2
Binding Specificity:	AA 1843-1877
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SYNE2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This SYNE2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic
	peptide between 1843-1877 amino acids from human SYNE2.
Clone:	RB56750
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	SYNE2
Alternative Name:	SYNE2 (SYNE2 Products)

Multi-isomeric modular protein which forms a linking network between organelles and the actin

cytoskeleton to maintain the subcellular spatial organization. Component of SUN-protein-containing multivariate complexes also called LINC complexes which link the nucleoskeleton and cytoskeleton by providing versatile outer nuclear membrane attachment sites for cytoskeletal filaments. Involved in the maintenance of nuclear organization and structural integrity. Connects nuclei to the cytoskeleton by interacting with the nuclear envelope and with F-actin in the cytoplasm. Specifically, SYNE2 and SUN2 assemble in arrays of transmembrane actin-associated nuclear (TAN) lines which are bound to F-actin cables and couple the nucleus to retrograde actin flow during actin-dependent nuclear movement. Required for centrosome migration to the apical cell surface during early ciliogenesis.

Molecular Weight: 796442

UniProt: Q8WXH0

Pathways: Maintenance of Protein Location

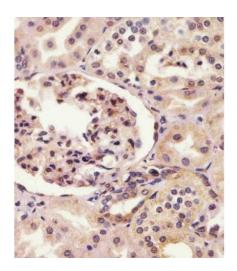
Application Details

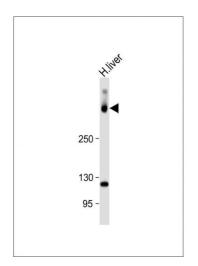
Application Notes: WB: 1:1000. IHC-P: 1:25

Restrictions: For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal 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





Immunohistochemistry (Paraffin-embedded Sections)

Image 1. (ABIN6242751 and ABIN6578805) staining SYNE2 in human kidney tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3 % BSA for 0. 5 hour at room temperature, antigen retrieval was by heat mediation with a citrate buffer (pH 6). Samples were incubated with primary antibody (1/25) for 1 hours at 37 °C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.

Western Blotting

Image 2. Anti-SYNE2 Antibody (N-Term) at 1:1000 dilution + Human liver lysate Lysates/proteins at 20 μg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 796 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.