



Datasheet for ABIN7075863 anti-TEX264 antibody



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1 Image

Overview

Quantity:	100 µL
Target:	TEX264
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TEX264 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein corresponding to Mouse TEX264
Cross-Reactivity:	Rat
Purification:	Affinity purification

Target Details

Target:	TEX264
Alternative Name:	TEX264 (TEX264 Products)
Background:	Major reticulophagy (also called ER-phagy) receptor that acts independently of other candidate reticulophagy receptors to remodel subdomains of the endoplasmic reticulum into autophagosomes upon nutrient stress, which then fuse with lysosomes for endoplasmic reticulum turnover. The ATG8-containing isolation membrane (IM) cradles a tubular segment of TEX264-positive ER near a three-way junction, allowing the formation of a synapse of 2

Target Details

juxtaposed membranes with trans interaction between the TEX264 and ATG8 proteins. Expansion of the IM would extend the capture of ER, possibly through a 'zipper-like' process involving continued trans TEX264-ATG8 interactions, until poorly understood mechanisms lead to the fission of relevant membranes and, ultimately, autophagosomal membrane closure.

Molecular Weight: 34 kDa

UniProt: [Q99LS5](#)

Application Details

Application Notes: WB (M,R) 1:1000-1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS, pH 7.4, 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

Western Blotting

Image 1. Western blot analysis of TEX264 (ABIN7075863) at dilution of 1: 2000

