Datasheet for ABIN1881876

anti-TES antibody (N-Term)

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Overview

Quantity:	400 µL
Target:	TES
Binding Specificity:	AA 41-70, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TES antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This TES antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 41-70 amino acids from the N-terminal region of human TES.
Clone:	RB41857
Isotype:	Ig Fraction
Predicted Reactivity:	B, C, Hs, Pig, Sh
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	TES
Alternative Name:	TES (TES Products)

Target Details

Background:	Cancer-associated chromosomal changes often involve regions containing fragile sites. This gene maps to a commom fragile site on chromosome 7q31.2 designated FRA7G. This gene is similar to mouse Testin, a testosterone-responsive gene encoding a Sertoli cell secretory protein containing three LIM domains. LIM domains are double zinc-finger motifs that mediate protein-protein interactions between transcription factors, cytoskeletal proteins and signaling proteins. Multiple protein isoforms are encoded by transcript variants of this gene.
Molecular Weight:	47996
NCBI Accession:	NP_056456, NP_690042
UniProt:	Q9UGI8

Application Details

Application Notes:	WB: 1:1000
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

Publications

Product cited in:	Hyrskyluoto, Bruelle, Lundh, Do, Kivinen, Rappou, Reijonen, Waltimo, Petersén, Lindholm, Korhonen: "Ubiquitin-specific protease-14 reduces cellular aggregates and protects against mutant huntingtin-induced cell degeneration: involvement of the proteasome and ER stress-activated kinase IRE1?." in: **Human molecular genetics**, Vol. 23, Issue 22, pp. 5928-39, (2014) (PubMed). Davila, Froeling, Tan, Bonnard, Boland, Snippe, Hibberd, Seielstad: "New genetic associations

Publications

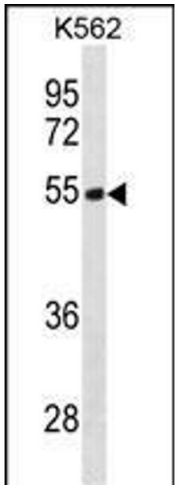
detected in a host response study to hepatitis B vaccine." in: **Genes and immunity**, Vol. 11, Issue 3, pp. 232-8, (2010) (PubMed).

Chen, Qin, Li, Walters, Wilson, Mei, Wilson: "The proteasome-associated deubiquitinating enzyme Usp14 is essential for the maintenance of synaptic ubiquitin levels and the development of neuromuscular junctions." in: **The Journal of neuroscience : the official journal of the Society for Neuroscience**, Vol. 29, Issue 35, pp. 10909-19, (2009) (PubMed).

Nagai, Kadowaki, Maruyama, Takeda, Nishitoh, Ichijo: "USP14 inhibits ER-associated degradation via interaction with IRE1alpha." in: **Biochemical and biophysical research communications**, Vol. 379, Issue 4, pp. 995-1000, (2009) (PubMed).

Mines, Goodwin, Limbird, Cui, Fan: "Deubiquitination of CXCR4 by USP14 is critical for both CXCL12-induced CXCR4 degradation and chemotaxis but not ERK ativation." in: **The Journal of biological chemistry**, Vol. 284, Issue 9, pp. 5742-52, (2009) (PubMed).

Images



Western Blotting

Image 1. TES Antibody (N-term) (ABIN1881876 and ABIN2838887) western blot analysis in K562 cell line lysates (35 µg/lane).This demonstrates the TES antibody detected the TES protein (arrow).