

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects human and mouse THAP11 in direct ELISAs and Western blots.
Source	Polyclonal Sheep IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human THAP11 Gly226-Met314 Accession # Q96EK4
Conjugate	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

THAP11, also known as Ronin, is a 36-44 kDa member of the thanatos-associated protein family. It is ubiquitously expressed and through its repression of c-Myc transcription, blocks cell proliferation. Human THAP11 is 314 amino acids (aa) in length. It contains a DNA-binding THAP zinc-finger domain (aa 5-81), an NLS (aa 98-104), a polyGln region (aa 104-146), an Ala-rich segment (aa 197-221) and a C-terminal coiled-coil region (aa 255-305). THAP11 is phosphorylated on Thr25. Over aa 226-314, human and mouse THAP11 are 100% identical in amino acid sequence.

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