

Datasheet for ABIN453439
anti-TACSTD2 antibody (Middle Region)



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1 Image

Overview

Quantity:	0.4 mL
Target:	TACSTD2
Binding Specificity:	Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TACSTD2 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide selected from the Center region of human TROP2
Specificity:	This antibody reacts to TACSTD2.
Purification:	Saturated Ammonium Sulfate (SAS) precipitation

Target Details

Target:	TACSTD2
Alternative Name:	TACSTD2 (TACSTD2 Products)
Background:	TROP2 is a carcinoma-associated antigen defined by the monoclonal antibody GA733. This antigen is a member of a family including at least two type I membrane proteins. It transduces an intracellular calcium signal and acts as a cell surface receptor. Mutations of its gene result in gelatinous drop-like corneal dystrophy, an autosomal recessive disorder characterized by

Target Details

severe corneal amyloidosis leading to blindness.Synonyms: GA733-1, M1S1, TROP2, Trop-2,
Tumor-associated calcium signal transducer 2

Gene ID: 4070

NCBI Accession: [NP_002344](#)

UniProt: [P09758](#)

Application Details

Application Notes: ELISA: 1/1,000. Western blotting: 1/50 - 1/100.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS with 0.09 % (W/V) sodium azide

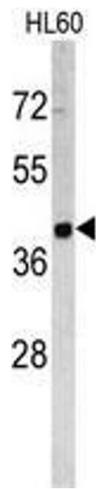
Preservative: Sodium azide

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

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of TROP2 antibody (Center) in HL60 cell line lysates (35ug/lane). TROP2 (arrow) was detected using the purified Pab.