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Datasheet for ABIN308423

anti-TACSTD2 antibody (Internal Region)

2 Images

Overview

Quantity:	100 µg
Target:	TACSTD2
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This TACSTD2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	TROP2
Immunogen:	Peptide with sequence C-HYEQPTIQIELRQN , from the internal region of the protein sequence according to NP_002344.2.
Sequence:	HYEQPTIQIE LRQN
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

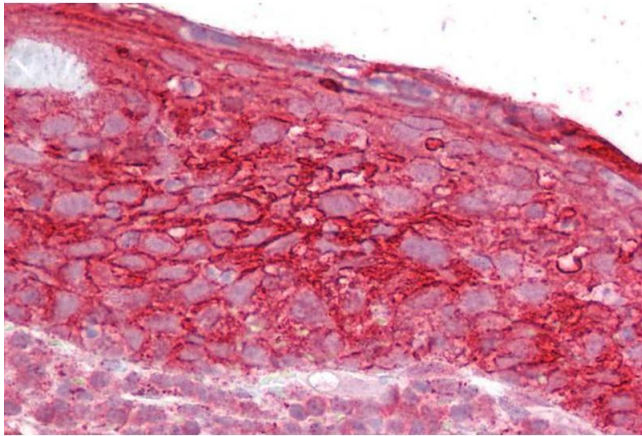
Target:	TACSTD2
Alternative Name:	TACSTD2 (TACSTD2 Products)
Background:	TROP2, TACSTD2, tumor-associated calcium signal transducer 2, EGP-1, GA733, GA733-1, M1S1, epithelial glycoprotein-1, membrane component, chromosome 1, surface marker 1 (40kD glycoprotein, identified by monoclonal antibody GA733)
Gene ID:	4070, 56753
NCBI Accession:	NP_002344

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Tonsil. Recommended concentration: 2.5 μ g/mL. Western Blot: Approx. 37 kDa band observed in Human Prostate lysates (calculated MW of 35.7 kDa according to NP_002344.2). Recommended concentration: 0.2-0.5 μ g/mL. Primary incubation was 1 hour. Peptide ELISA: antibody detection limit dilution 1:4000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Immunohistochemistry

Image 1. ABIN308423 (2.5µg/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

Image 2. ABIN308423 (0.2µg/ml) staining of Human Prostate lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.