



[Go to Product page](#)

Datasheet for ABIN1098104

anti-PAX5 antibody (AA 235-382)

4 Images

2 Publications

Overview

Quantity:	0.1 mg
Target:	PAX5
Binding Specificity:	AA 235-382
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Purified recombinant fragment of human PAX5 (AA: 235-382) expressed in E. coli.
Clone:	7D3
Isotype:	IgG1
Purification:	purified

Target Details

Target:	PAX5
Alternative Name:	PAX5 (PAX5 Products)
Background:	Description: This gene encodes a member of the paired box (PAX) family of transcription factors. The central feature of this gene family is a novel, highly conserved DNA-binding motif, known as the paired box. PAX proteins are important regulators in early development, and alterations in the expression of their genes are thought to contribute to neoplastic

Target Details

transformation. This gene encodes the B-cell lineage specific activator protein that is expressed at early, but not late stages of B-cell differentiation. Its expression has also been detected in developing CNS and testis and so the encoded protein may also play a role in neural development and spermatogenesis. This gene is located at 9p13, which is involved in t(9,14)(p13,q32) translocations recurring in small lymphocytic lymphomas of the plasmacytoid subtype, and in derived large-cell lymphomas. This translocation brings the potent E-mu enhancer of the IgH gene into close proximity of the PAX5 promoter, suggesting that the deregulation of transcription of this gene contributes to the pathogenesis of these lymphomas. Alternatively spliced transcript variants encoding different isoforms have been described but their biological validity has not been determined.

Aliases: BSAP

Molecular Weight:	45 kDa
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Gene ID:	5079
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HGNC:	5079
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Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Buffer:	Purified antibody in PBS with 0.05 % sodium azide
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	4 °C/-20 °C
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Storage Comment:	4°C, -20°C for long term storage
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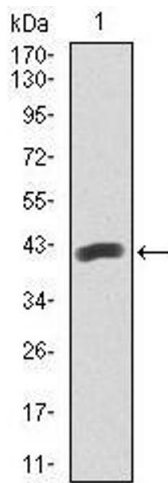
Publications

Product cited in:	Xu, Deng, Mao, Zhang, Wang, Wang, Mu, Deng, Ma: "The interaction of the second Kunitz-type domain (KD2) of TFPI-2 with a novel interaction partner, prosaposin, mediates the inhibition of
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the invasion and migration of human fibrosarcoma cells." in: **The Biochemical journal**, Vol. 441, Issue 2, pp. 665-74, (2011) ([PubMed](#)).

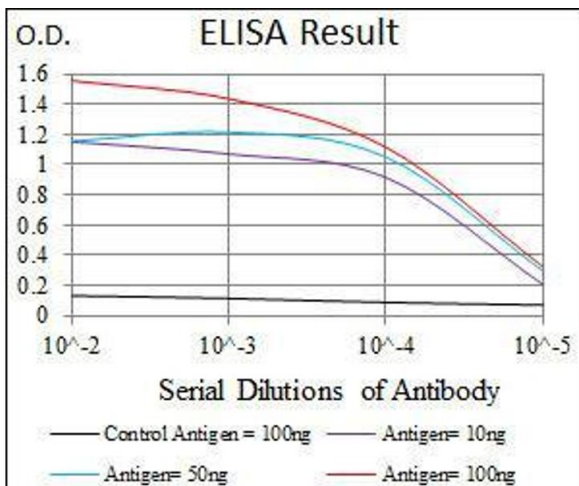
Hu, Delorme, Liu, Liu, Velasco-Gonzalez, Garai, Pullikuth, Koochekpour: "Prosaposin down-modulation decreases metastatic prostate cancer cell adhesion, migration, and invasion." in: **Molecular cancer**, Vol. 9, pp. 30, (2010) ([PubMed](#)).

Images



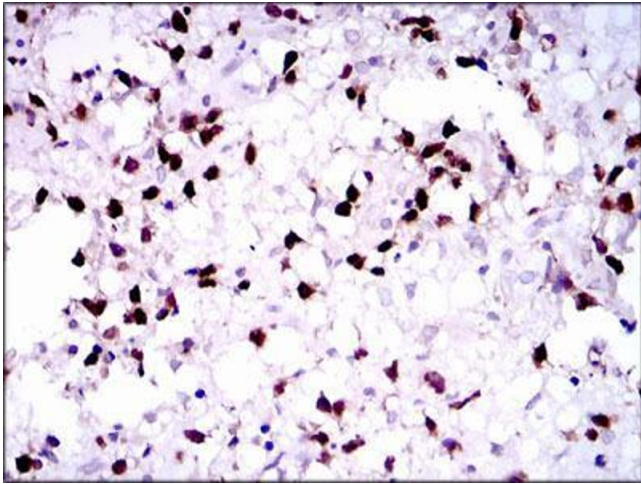
Western Blotting

Image 1. Western blot analysis using PAX5 mAb against human PAX5 recombinant protein. (Expected MW is 41.2 kDa)



ELISA

Image 2. Black line: Control Antigen (100 ng), Purple line: Antigen(10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng),



Immunohistochemistry

Image 3. Immunohistochemical analysis of paraffin-embedded brain tumors tissues using PAX5 mouse mAb with DAB staining.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN1098104.