

Datasheet for ABIN3043277
anti-KIAA1524 antibody (C-Term)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	KIAA1524
Binding Specificity:	AA 854-889, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIAA1524 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Anti-p90 Autoantigen/KIAA1524 CIP2A Antibody Picoband®
Immunogen:	A synthetic peptide corresponding to a sequence at the C-terminus of human KIAA1524, different from the related mouse sequence by three amino acids.
Sequence:	EVQKAQLEGR LEEKESLVKL QQEELNKHSH MIAMIH
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-p90 Autoantigen/KI CIP2A Antibody Picoband® (ABIN3043277). Tested in WB applications. This antibody reacts with Human, Mouse. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.

Product Details

Purification: Immunogen affinity purified.

Target Details

Target: KIAA1524

Alternative Name: CIP2A ([KIAA1524 Products](#))

Background: Synonyms: Protein CIP2A;Cancerous inhibitor of PP2A;p90 autoantigen;KIAA1524;CIP2A;
Tissue Specificity: Expressed at low levels in most of the tissues. Overexpressed in head-and-neck squamous cell carcinomas (HNSCC). Present in liver cancer cells (at protein level).
Background: Protein CIP2A, also known as cancerous inhibitor of PP2A (CIP2A), is a protein that in humans is encoded by the KIAA1524 gene. CIP2A is required for the malignant cellular growth and for in vivo tumor formation. In accordance with the oncogenic role of CIP2A, overexpression of CIP2A promotes Ras-elicited cell growth and transforms immortalized human cells (HEK-TERVs). More recently CIP2A has been shown to regulate phosphorylation and activity of many other oncoproteins and to drive malignant cell growth and tumorigenesis in various human cancer types. Importantly, CIP2A deficient mice are viable, suggesting that targeting of oncogenic function of CIP2A would not result in serious side-effects.

Molecular Weight: 90 kDa

Gene ID: 57650

Application Details

Application Notes: Western blot, 0.1-0.5 µg/mL, Human, Mouse
1. Dong QZ, Wang Y, Dong XJ, Li ZX, Tang ZP, Cui QZ, Wang EH (September 2010). "CIP2A is Overexpressed in Non-Small Cell Lung Cancer and Correlates with Poor Prognosis". Ann Surg Oncol 18 (3): 857-865. 2. Junttila MR, Puustinen P, Niemelä M, et al. (2007). "CIP2A inhibits PP2A in human malignancies". Cell 130 (1): 51-62. 3. Khanna A, Böckelman C, Hemmes A, Junttila MR, Wiksten JP, Lundin M, Junnila S, Murphy DJ, Evan GI, Haglund C, Westermarck J, Ristimäki A (June 2009). "MYC-dependent regulation and prognostic role of CIP2A in gastric cancer". J. Natl. Cancer Inst. 101 (11): 793-805.

Comment: Antibody can be supported by chemiluminescence kit ABIN921124 in WB.

Restrictions: For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg 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 at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.

Images



Western Blotting

Image 1. Observed bind size: 90KD