

Datasheet for ABIN7599121
anti-OIP5 antibody (AA 1-229)



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Overview

Quantity:	100 µg
Target:	OIP5
Binding Specificity:	AA 1-229
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OIP5 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-OIP5 Antibody Picoband®
Immunogen:	E.coli-derived human OIP5 recombinant protein (Position: M1-N229).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-OIP5 Antibody Picoband® (ABIN7599121). Tested in ELISA, Flow Cytometry, WB applications. This antibody reacts with Human. 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.
Purification:	Immunogen affinity purified.

Target Details

Target:	OIP5
Alternative Name:	OIP5 (OIP5 Products)
Background:	<p>Synonyms: Protein SOX-15, Protein SOX-12, Protein SOX-20, SOX15, SOX12, SOX20, SOX26, SOX27</p> <p>Tissue Specificity: Widely expressed in fetal and adult tissues examined, highest level found in fetal spinal cord and adult brain and testis.</p> <p>Background: The protein encoded by this gene localizes to centromeres, where it is essential for recruitment of CENP-A through the mediator Holliday junction recognition protein. Expression of this gene is upregulated in several cancers, making it a putative therapeutic target. Two transcript variants encoding different isoforms have been found for this gene.</p>
Molecular Weight:	22 kDa
Gene ID:	11339
UniProt:	O43482

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human</p> <p>Flow Cytometry (Fixed), 1-3 µg/1×10⁶ cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Fujita, Y., Hayashi, T., Kiyomitsu, T., Toyoda, Y., Kokubu, A., Obuse, C., Yanagida, M. Priming of centromere for CENP-A recruitment by human hMi18-alpha, hMis18-beta, and M18BP1. Dev. Cell 12: 17-30, 2007. 2. Gross, M. B. Personal Communication. Baltimore, Md. 10/2/2018. 3. Nardi, I. K., Zasadzinska, E., Stellfox, M. E., Knippler, C. M., Foltz, D. R. Licensing of centromeric chromatin assembly through the Mis18-alpha-Mis18-beta heterotetramer. Molec. Cell 61: 774-787, 2016.</p>
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.

Handling

Storage: 4 °C, -20 °C

Storage Comment: 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 freezing and thawing.