

Datasheet for ABIN7599104
anti-OIP5 antibody (AA 1-220)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	OIP5
Binding Specificity:	AA 1-220
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OIP5 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	Anti-Oip5 Antibody Picoband®
Immunogen:	E.coli-derived mouse Oip5 recombinant protein (Position: M1-K220).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-Oip5 Antibody Picoband® (ABIN7599104). Tested in ELISA, WB applications. This antibody reacts with Mouse, Rat. 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: Predicted to enable identical protein binding activity. Predicted to be involved in CENP-A containing chromatin assembly and chromosome segregation. Predicted to act upstream of or within cell division. Located in chromocenter and nucleus. Orthologous to human OIP5 (Opa interacting protein 5).</p>
Molecular Weight:	28 kDa
Gene ID:	70645

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Rat</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.
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.