

Datasheet for ABIN7599543
anti-USP26 antibody (AA 1-762)



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Overview

Quantity:	100 µg
Target:	USP26
Binding Specificity:	AA 1-762
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This USP26 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-USP26 Antibody Picoband®
Immunogen:	E.coli-derived human USP26 recombinant protein (Position: M1-K762).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-USP26 Antibody Picoband® (ABIN7599543). Tested in ELISA, Flow Cytometry, IHC, WB applications. This antibody reacts with Human, 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:	USP26
Alternative Name:	USP26 (USP26 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: This gene encodes a member of the ubiquitin-specific processing (UBP) family of proteases and is a deubiquitinating enzyme (DUB) with His and Cys domains. It is specifically expressed in testis tissue. Mutations in this gene have been associated with Sertoli cell-only syndrome and male infertility.</p>
Molecular Weight:	104 kDa
Gene ID:	83844

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat</p> <p>Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Human, Rat</p> <p>Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Ma, Q., Li, Y., Guo, H., Li, C., Chen, J., Luo, M., Jiang, Z., Li, H., Gui, Y. A novel missense mutation in USP26 gene is associated with nonobstructive azoospermia. <i>Reprod. Sci.</i> 23: 1434-1441, 2016. 2. Ravel, C., El Houate, B., Chantot, S., Lourenco, D., Dumaine, A., Rouba, H., Bandyopadhyay, A., Radhakrishna, U., Das, B., Sengupta, S., Mandelbaum, J., Siffroi, J. P., McElreavey, K. Haplotypes, mutations and male fertility: the story of the testis-specific ubiquitin protease USP26. <i>Molec. Hum. Reprod.</i> 12: 643-646, 2006. 3. Stouffs, K., Lissens, W., Tournaye, H., Van Steirteghem, A., Liebaers, I. Possible role of USP26 in patients with severely impaired spermatogenesis. <i>Europ. J. Hum. Genet.</i> 13: 336-340, 2005.</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

Handling

Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
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.