

Datasheet for ABIN7600357
anti-PFDN2 antibody (AA 18-98)



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Overview

Quantity:	100 µg
Target:	PFDN2
Binding Specificity:	AA 18-98
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PFDN2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-PFDN2 Antibody Picoband®
Immunogen:	E.coli-derived human PFDN2 recombinant protein (Position: K18-Q98). Human PFDN2 shares 98.8% amino acid (aa) sequence identity with both mouse and rat PFDN2.
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-PFDN2 Antibody Picoband® (ABIN7600357). Tested in WB, ICC/IF, Flow Cytometry, ELISA applications. This antibody reacts with Human, 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.

Product Details

Purification: Immunogen affinity purified.

Target Details

Target: PFDN2

Alternative Name: PFDN2 ([PFDN2 Products](#))

Background: Synonyms: PFDN2, PFD2, HSPC231, Prefoldin subunit 2
Background: This gene encodes a member of the prefoldin beta subunit family. The encoded protein is one of six subunits of prefoldin, a molecular chaperone complex that binds and stabilizes newly synthesized polypeptides, thereby allowing them to fold correctly. The complex, consisting of two alpha and four beta subunits, forms a double beta barrel assembly with six protruding coiled-coils.

Molecular Weight: 17 kDa

Gene ID: 5202

Pathways: [Unfolded Protein Response](#)

Application Details

Application Notes: Western blot, 0.25-0.5 µg/mL, Human, Rat
Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human
Flow Cytometry (Fixed), 1-3 µg/1×10⁶ cells, Human
ELISA, 0.1-0.5 µg/mL
1. Hartz, P. A. Personal Communication. Baltimore, Md. 6/29/2010. 2. Hutchins, J. R. A., Toyoda, Y., Hegemann, B., Poser, I., Heriche, J.-K., Sykora, M. M., Augsburg, M., Hudecz, O., Buschhorn, B. A., Bulkescher, J., Conrad, C., Comartin, D., and 18 others. Systematic analysis of human protein complexes identifies chromosome segregation proteins. Science 328: 593-599, 2010. 3. Vainberg, I. E., Lewis, S. A., Rommelaere, H., Ampe, C., Vandekerckhove, J., Klein, H. L., Cowan, N. J. Prefoldin, a chaperone that delivers unfolded proteins to cytosolic chaperonin. Cell 93: 863-873, 1998.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

Handling

Concentration:	500 µg/mL
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.