



Calnexin Polyclonal Antibody

Catalogue No*:	AB4100-200	Price/Unit*:	320.00
Source:	3	Quantity/unit size*:	400 g
Description:	<p>Goat polyclonal to CANX (Calnexin) - endoplasmic reticulum (ER) membrane marker. CANX is a member of the calnexin family of molecular chaperones. This protein is a calcium-binding, ER-associated protein that interacts transiently with newly synthesized N-linked glycoproteins, facilitating protein folding and assembly. It may also play a central role in the quality control of protein folding by retaining incorrectly folded protein subunits within the ER for degradation.</p> <p>Alternative names: calnexin, CALX, CNX, FLJ26570, histocompatibility complex class I antigen binding protein p88, IP90, major histocompatibility complex class I antigen-binding protein p88, MS952, P90 antibody.</p>		
Immunogen:	Purified recombinant peptide within residues 550 aa to the C-terminus of human CANX produced in <i>E. coli</i> .		
Specificity:	Purified recombinant peptide within residues 550 aa to the C-terminus of human CANX produced in <i>E. coli</i> .		
Reactivity:	Reacts against human, rat, mouse, canine and monkey proteins.		
Usage:	Western blot 1:500-1:5,000 Immunofluorescence 1:50-1:500 Immunohistochemistry (paraffin) 1:200-1:1,000 Immunohistochemistry (frozen) 1:200-1:1,000		

Reactivity Chart

Sample	Western Blot	Immuno-fluorescence	Immuno-Histochemistry (p)	Immuno-Histochemistry (f)
human	+++	+++	+++	+++
rat	+++	+++	+++	+++
mouse	+++	+++	+++	+++
canine	+++	+++	+++	+++
monkey	+++	+++	+++	+++

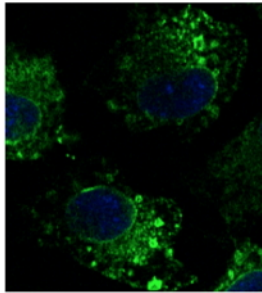
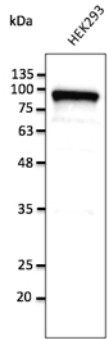
Storage:	Store at -20 C for long term storage. Store at 2-8 C for up to one month.
Special instructions:	Avoid freeze/thaw cycles.

References:

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4. Melo BF, Sacramento JF, Ribeiro MJ, et al. *Nutrients*. 2019 May. PMID:3114190
5. Sanz P, Evans RD, Briggs DA, et al. *J Cell Sci*. 2019 Apr. PMID:30898842
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10. Martins-Marques T, Pinho MJ, Zuzarte M. et al. *J Extracell Vesicles*. 2016 Sep 29;5:32538. PMID:27702427
11. Neves MMM, MSc Thesis, University of Coimbra, Portugal 2015
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For research use only, not for diagnostic use

*This antibody is identical to AB4100.



Anti-Calnexin Ab at 1/2,500 dilution; lysates at 50 µg per lane; rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution;

Immunofluorescence – anti-CANX Ab in Hepa1-6 cells at 1/100 dilution; cells were fixed with 4% of PFA;