



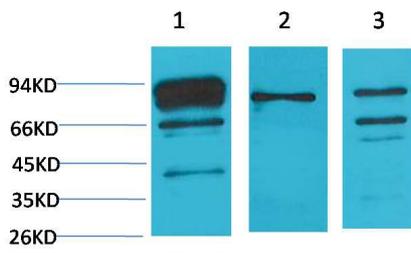
ELK Biotechnology

Calnexin Rabbit pAb
Catalog NO.: EA214
For research use only.

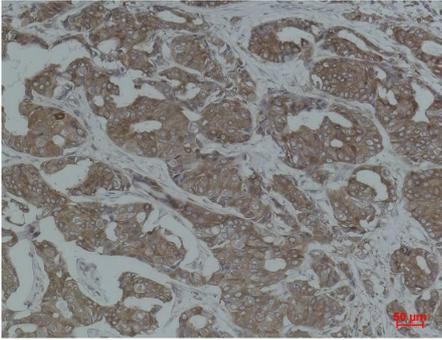
Overview

Product name	Calnexin Rabbit polyclonal antibody
Source	Rabbit
Applications	WB, IHC
Species reactivity	Human, Rat, Mouse
Recommended dilutions	WesternBlot:1/1000-2000 Immunohistochemistry:1/200-500 NOTE: Optimal dilutions should be determined by the end user.
Immunogen	Recombinant Protein
Species	Human
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20° C. Avoid repeated freeze-thaw cycles.
Isotype	IgG
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	75,80,90kDa
GeneID (Human)	821
Human Swiss-Prot No.	P27824
Cellular localization	Endoplasmic reticulum membrane,Melanosome.
Alternative Names	CANX antibody, CNX antibody, FLJ26570 antibody, IP90 antibody, P90 antibody
Background	Calnexin is a chaperone, characterized by assisting protein folding and quality control, ensuring that only properly folded and assembled proteins proceed further along the secretory pathway. Calnexin is a integral protein (that appears variously as a 90kDa, 80kDa or 75kDa band on western blotting depending on the source of the antibody) of the endoplasmic reticulum (ER). It consists of a large (50 kDa) N-terminal calcium-binding

luminal domain, a single transmembrane helix and a short (90 residues), acidic cytoplasmic tail.



Western blot analysis of 1) HeLa, 2)3T3, 3)PC12 with Calnexin Rabbit pAb EA214 diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma using Calnexin (EA214) Rabbit pAb diluted at 1:500.