

## 34-1022: Polyclonal Antibody to Casein Kinase 1 Alpha(Discontinued)

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	IHC,WB
<b>Reactivity :</b>	Pig,Rat,Mouse,Human,Bovine
<b>Gene :</b>	CSNK1A1
<b>Gene ID :</b>	1452
<b>Uniprot ID :</b>	P48729
<b>Format :</b>	Conc. IgY prep.
<b>Alternative Name :</b>	CK1
<b>Isotype :</b>	Chicken, IgY
<b>Immunogen Information :</b>	Recombinant full length CK1a (shortest isoform)

### Product Info

<b>Amount :</b>	100 $\mu$ l
<b>Content :</b>	Antibody is supplied as an aliquot of concentrated IgY preparation.
<b>Storage condition :</b>	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

Western blot: 1:10,000 IF: 1:500-1:1000 ABC: 1:5,000

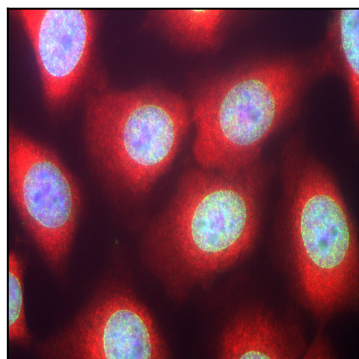


Figure 1: High power image of HeLa cells stained with chicken casein kinase 1 alpha antibody (red) and our pan-specific mouse monoclonal antibody to nuclear pore complexes 34-1096 (green). Casein kinase 1 alpha has a particulate distribution both in the nucleus and the cytoplasm. Blue is the Hoechst DNA stain. High quality immunocytochemical images made using this antibody are shown in reference 4.

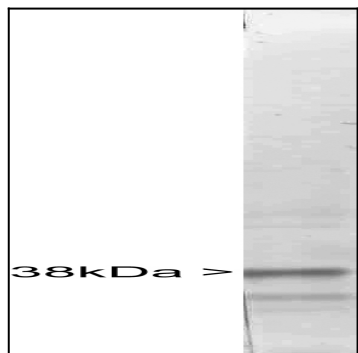


Figure 2: Western blot of whole rat spinal cord homogenate stained with 34-1022, at dilution of 1:10,000. A prominent band running with an apparent SDS-PAGE molecular weight of ~38kDa and a less prominent band at ~34kDa corresponds to other CK1 alpha isoforms.