

AB-NN149-1

alpha B Crystallin Antibody

Pan-specific polyclonal antibody for monitoring the expression of human alpha B Crystallin



KINEXUS

Address: 8755 Ash Street, Suite 1
Vancouver, British Columbia,
Canada V6P 6T3

Email: info@kinexus.ca
Phone: 604-323-2547

Target Protein

Name Long:	Alpha-crystallin B chain
Alias:	AACRYA, Alpha crystallin B chain, CRYA2, CRYAB, CTPP2, HspB5, NY REN 27 antigen
UniProt ID:	P02511 - Human
Human Predicted Mass (KDa):	20.159 (175 AA; P02511-1)
Observed SDS-PAGE Mass (KDa):	22

Immunogen

Antibody Immunogen Source:	Synthetic peptide corresponding to human alpha B crystallin conjugated to KLH.
-----------------------------------	--

Production

Antibody Host Species:	Rabbit
Antibody Type:	Polyclonal
Antibody Ig Isotype Clone Lot:	50 Mix
Antibody Purification:	Rabbit antiserum
Amount:	50 µl
Antibody Concentration:	N/A
Lot Number:	15DE1
Storage Buffer:	Rabbit antiserum
Storage Conditions and Stability:	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

Applications

Product Use:	WB, IHC, ICC
Antibody Dilution Recommended:	1:5000-10000 (ECL) (WB)
Antibody Species Reactivity:	Human, Mouse, Rat, Cow, Chicken
Antibody Positive Control:	A 1:5000 dilution of SPC-126 was sufficient for detection of alpha B crystallin in 20µg of HeLa cell lysate by ECL immunoblot analysis.
Target Detection Immunoblotting:	Detects a ~22 kDa protein.
Antibody Specificity:	Very high
Antibody Cross Reactivities:	Does not cross-react with αA-crystallin.

This product is for in vitro research use only and is not intended for use in humans or animals.

For more information on our products please visit www.kinexusproducts.ca or contact us at 1-888-546-3987