

Kinesin antibody [IBII]

Alternate names:	NK Cell Marker
Catalog No.:	15-288-21539
Quantity:	0.1 mg
Background:	<p>Kinesin belongs to the group of motor proteins known to convert chemical energy released from ATP into mechanical energy. Conventional kinesin, member of the kinesin superfamily comprising more than 100 proteins, is involved in the anterograde vesicle transport inneuronal cells. Kinesin purified from mammalian brain homogenates is a heterotetramer consisting of two heavy (120 to 130 kDa) and two light chains (60 to 70 kDa), resulting in a molecular mass about 400 kDa. Each heavy chain contains an N-terminal globular motordomain with both a microtubule-binding site and an ATPase active center, stalk region responsible for heavy chain dimerization and finally C-terminal globular tail domain, which is implicated in cargo binding. Light chains may have a regulatory function.</p>
Host / Isotype:	Chicken
Immunogen:	Bovine brain kinesin.
Format:	Purification: Ascites Buffer System: Preservative: 0.1% Sodium Azide; Constituents: Raw Ascites
Applications:	ELISA, WB Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Cross-reacts with Rat, Cow and Sea Urchin. Not yet tested in other species.
Storage:	Keep as concentrated solution. Store at 4

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com