

Datasheet for ABIN634122
anti-KIF22 antibody (N-Term)



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1 Image

Overview

| | |
|----------------------|--------------------------------------|
| Quantity: | 100 µL |
| Target: | KIF22 |
| Binding Specificity: | N-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This KIF22 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

| | |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen: | KIF22 antibody was raised using the N terminal of KIF22 corresponding to a region with amino acids CSLEIANWRNHQETLKYQFDAFYGERSTQQDIYAGSVQPILRHLLLEGQNA |
| Specificity: | KIF22 antibody was raised against the N terminal of KIF22 |
| Purification: | Affinity purified |

Target Details

| | |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target: | KIF22 |
| Alternative Name: | KIF22 (KIF22 Products) |
| Background: | KIF22 a member of kinesin-like protein family. This family of proteins are microtubule-dependent molecular motors that transport organelles within cells and move chromosomes during cell division. The C-terminal half of this protein has been shown to bind DNA. Studies |

Target Details

with the *Xenopus* homolog suggests its essential role in metaphase chromosome alignment and maintenance.

Molecular Weight: 73 kDa (MW of target protein)

Application Details

Application Notes: WB: 1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: KIF22 Blocking Peptide, catalog no. 33R-1809, is also available for use as a blocking control in assays to test for specificity of this KIF22 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of KIF22 antibody in PBS

Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. KIF22 antibody used at 1 ug/ml to detect target protein.