

## Anti-KIF22 Antibody

Catalog Number: A05570-2

### About KIF22

KIF22, also known as KID (kinesin-like DNA-binding protein), is a kinesin-like DNA-binding protein known to be involved in chromosome movement during mitosis. KIF22 is a nuclear protein regulated by SIAH-1, whose level fluctuate in a cell cycle-dependent manner, increasing during pre-mitotic phases and greatly decreasing during mitosis. KIF22 localizes to the nucleus of the interphase cells upon entry into mitosis and displays some punctate cytoplasmic staining. Defects in KIF22 are the cause of spondyloepimetaphyseal dysplasia with joint laxity, type 2 (SEMDJL2).

### Overview

Product Name	Anti-KIF22 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-KIF22 Antibody catalog # A05570-2. Tested in WB, IHC, IP, ELISA applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IP, IHC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN <sub>3</sub> , 1 mg stabilizing protein and 50% glycerol *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt at -20°C as supplied. 6 months at 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q14807

### Technical Details

Immunogen	E.coli-derived human KIF22 recombinant protein (Position: S6-F351).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-400 ELISA, 1:100-1000

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### Anti-KIF22 Antibody

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