

## Anti-Haspin Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Mouse,Rat (predicted:Human)
Molecular Weight:	Theoretical: 88 kDa. Actual: 90 kDa.
Purification:	Protein A purified

## Applications

Sample:	Thymus (Rat) Lysate at 40 µg Kidney (Rat) Lysate at 40 µg kidney (mouse) Lysate at 40 µg
Verified Activity:	Primary: Anti-Haspin (TMAB-06892) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 90 kD Observed band size: 90 kD
Application:	WB
Recommended	WB: 1:500-2000

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	KLH conjugated synthetic peptide: mouse Haspin
Antigen Species:	Mouse
Gene ID:	83903

## Research Background

Haspins is a protein family containing a distinctive C-terminal kinase domain and a divergent N-terminus. Haspin homologues occur within a diverse group of eukaryotes, including animals, plants and fungi, which suggests an early evolutionary origin. Haspin, a nuclear protein strongly expressed in male germ cells, is responsible for the phosphorylation of histone H3 at Thr-3. Depletion of Haspin RNA prevents normal alignment of chromosomes at metaphase, suggesting a crucial role for haspin during chromosome segregation. Expression of haspin also occurs in adult thymus and bone marrow, with weaker expression in adult prostate, intestine, lung, spleen, and lymph node. The gene encoding human haspin maps to chromosome 17p13.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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