



# Anti-KIF11 (aa 947-1056) polyclonal antibody (DPAB-DC1795)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a motor protein that belongs to the kinesin-like protein family. Members of this protein family are known to be involved in various kinds of spindle dynamics. The function of this gene product includes chromosome positioning, centrosome separation and establishing a bipolar spindle during cell mitosis.
<b>Immunogen</b>	KIF11 (NP_004514, 947 a.a. ~ 1056 a.a) partial recombinant protein with GST tag. The sequence is LLDQLKRKQPELLMMLNCSENNKEETIPDVDVEEAVLGQYTEEPLSQEPSVDAGVDCSSI GGVPFFQHKKSHGKDKENRGINTLERSKVEETTEHLVTKSRLPLRAQINL
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

**Gene Name** [KIF11 kinesin family member 11 \[ Homo sapiens \(human\) \]](#)

<b>Official Symbol</b>	KIF11
<b>Synonyms</b>	KIF11; kinesin family member 11; EG5; HKSP; KNSL1; MCLMR; TRIP5; kinesin-like protein KIF11; TRIP-5; kinesin-like protein 1; TR-interacting protein 5; kinesin-like spindle protein HKSP; kinesin-related motor protein Eg5; thyroid receptor-interacting protein 5;
<b>Entrez Gene ID</b>	<a href="#">3832</a>
<b>Protein Refseq</b>	<a href="#">NP_004514</a>
<b>UniProt ID</b>	<a href="#">P52732</a>
<b>Chromosome Location</b>	10q24.1
<b>Pathway</b>	Adaptive Immune System; Hemostasis; Kinesins;
<b>Function</b>	ATP binding; microtubule binding; microtubule motor activity; protein complex binding