

Rabbit anti-Human EG5/KIF11 Polyclonal Antibody | anti-EG5/KIF11 antibody

Rabbit anti-EG5/KIF11 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211304	Rabbit	Human	Immunoprecipitation, Western Blot

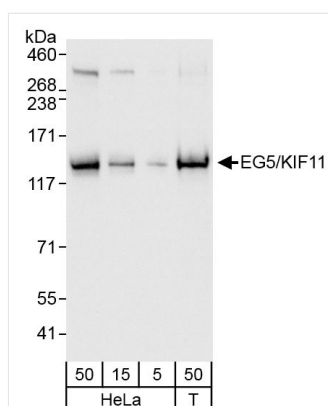
PRODUCT SYNONYMS

EG5/KIF11; Polyclonal Antibody; Rabbit anti-EG5/KIF11 Antibody; Affinity Purified; MCLMR; TRIP-5; TRIP5; EG5; thyroid receptor-interacting protein 5; KNSL1; kinesin-related motor protein Eg5; kinesin-like spindle protein HKSP; kinesin-like protein KIF11; kinesin-like protein 1; HKSP; TR-interacting protein 5; Kinesin-like protein KIF11; kinesin family member 11; anti-EG5/KIF11 antibody

PRODUCT SPECIFICATIONS

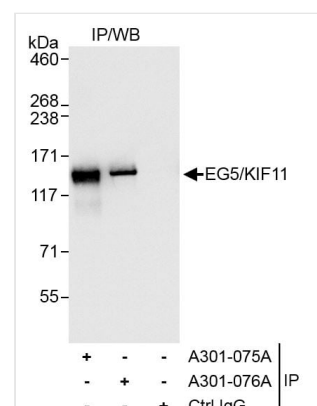
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-EG5/KIF11 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 925 and 975
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human EG5/KIF11 by western blot. Samples: Whole cell lysate from HeLa (5, 15 and 50 ug) and HEK293T (T; 50 ug) cells. Antibodies: Affinity purified rabbit anti-EG5/KIF11 antibody AAA211304 (lot AAA211304-1) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with exposure time of 3 seconds.



IP (Immunoprecipitation)

Detection of human EG5/KIF11 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-EG5/KIF11 antibody AAA211304 (lot AAA211304-1) used for IP at 3 ug/mg lysate. EG5/KIF11 was also immunoprecipitated by rabbit anti-EG5/KIF11 antibody which recognizes a downstream epitope. For blotting immunoprecipitated EG5/KIF11, AAA211304 was used at 1.0 ug/ml. Detection: Chemiluminescence with exposure time of 1 second.

ADDITIONAL INFORMATION

Related Product Information for anti-EG5/KIF11 antibody	The kinesin superfamily of proteins consists of forty five KIF motor proteins that function in intracellular transport along microtubules. Kinesin activity has been linked to various cellular functions such as vesicle transport, mitotic spindle formation, chromosome segregation, and cytokinesis. Structurally, all kinesins contain a motor domain with microtubule and nucleotide binding sites that utilize ATP to target cargo along microtubule filaments. EG5/KIF11 plays a role in spindle-pole formation and chromosome positioning and separation.
Product Categories/Family for anti-EG5/KIF11 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	13699824
NCBI GeneID	3832
NCBI Accession #	NP_004514.2
NCBI GenBank Nucleotide #	NM_004523.3
UniProt Accession #	P52732; Q15716; Q5VWX0; A0AV49; B2RMV3
Molecular Weight	119,159 Da
NCBI Official Full Name	kinesin-like protein KIF11
NCBI Official Synonym Full Names	kinesin family member 11
NCBI Official Symbol	KIF11
NCBI Official Synonym Symbols	EG5; HKSP; KNSL1; MCLMR; TRIP5
NCBI Protein Information	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
UniProt Protein Name	Kinesin-like protein KIF11
UniProt Gene Name	KIF11
UniProt Synonym Gene Names	EG5; KNSL1; TRIP5; TR-interacting protein 5; TRIP-5
UniProt Entry Name	KIF11_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/eg5-kif11-antibody-immunoprecipitation-western-blot-elisa/211304>