

Rabbit anti-Human, Mouse CEP72 Polyclonal Antibody | anti-CEP72 antibody

CEP72 Antibody

CATALOG # AAA310356	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

CEP72; Polyclonal Antibody; CEP72 Antibody; anti-CEP72 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous levels of total CEP72 protein.
Purity/Purification	Antigen affinity purification
Form/Format	In pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	2366
Applicable Applications for anti-CEP72 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic protein corresponding to residues near the C terminal of human CEP72
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C.

IMAGES



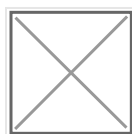
IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 46478(CEP72 Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: x200)



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 46478(CEP72 Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: x200)



SDS-PAGE

Gel: 6%SDS-PAGE lysate: 40 µg, Lane 1-3: TM4NIH/3T3 and Jurkat cell lysates, Primary antibody: 46478(CEP72 Antibody) at dilution 1/600 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 1 minute

ADDITIONAL INFORMATION

Related Product Information for anti-CEP72 antibody	Centrosomes are the major microtubule-organizing centers of mammalian cells. They are composed of a centriole pair and surrounding microtubule-nucleating material termed pericentriolar material (PCM). Bipolar mitotic spindle assembly relies on two intertwined processes: centriole duplication and centrosome maturation. Failure to properly orchestrate centrosome duplication and maturation is subsequently linked to spindle defects, which can result in aneuploidy and promote cancer progression. CEP72 (centrosomal protein 72kDa) is a 647 amino acid protein that localizes to the centrosome and centrosome-surrounding particles throughout the cell cycle. Involved in the recruitment of key centrosomal proteins to the centrosome, CEP72 provides centrosomal microtubule-nucleation activity on the ? Tubulin ring complexes and has critical roles in forming a focused bipolar spindle, which is needed for proper tension generation between sister chromatids. CEP72 exists as two alternatively spliced isoforms.
Product Categories/Family for anti-CEP72 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	12803000
NCBI GeneID	55722
UniProt Accession #	Q9P209; Q9BV03; Q9BWM3; Q9NVR4; B4DR26
Molecular Weight	72 kDa
NCBI Official Full Name	Homo sapiens centrosomal protein 72kDa, mRNA
NCBI Official Synonym Full Names	centrosomal protein 72
NCBI Official Symbol	CEP72
NCBI Protein Information	centrosomal protein of 72 kDa
UniProt Protein Name	Centrosomal protein of 72 kDa
UniProt Gene Name	CEP72
UniProt Synonym Gene Names	KIAA1519; Cep72

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cep72-antibody-immunohistochemistry-western-blot-elisa/310356>