

Rabbit anti-Human STRADA Polyclonal Antibody | anti-STRADA antibody

Anti-STRADA Antibody, Rabbit Polyclonal

CATALOG # AAA254964	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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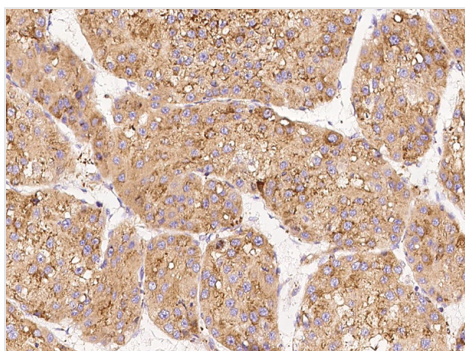
PRODUCT SYNONYMS

STRADA; Polyclonal Antibody; Anti-STRADA Antibody; Rabbit Polyclonal; STRADA Antibody; Rabbit PAb; Antigen Affinity Purified; STE20-related kinase adaptor alpha; Anti-LYK5 Antibody; Anti-NY-BR-96 Antibody; Anti-PMSE Antibody; Anti-Stlk Antibody; Anti-STRAD Antibody; anti-STRADA antibody

PRODUCT SPECIFICATIONS

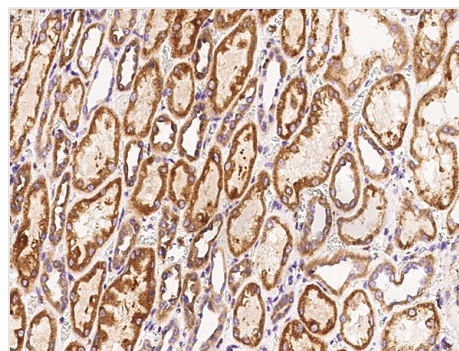
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human STRADA
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-STRADA antibody	IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the N-terminus of the Human STRADA
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the N-terminus of the Human STRADA, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human STRADA in human hepatoma with rabbit polyclonal antibody at 1:300 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human STRADA in human kidney with rabbit polyclonal antibody at 1:300 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-STRADA antibody	STRADA (STE20 Related Adaptor Alpha, also known as LYK5) is a Protein Coding gene. The STRADA gene, located on 17q23.3, is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, and rat, etc. The protein encoded by this gene contains a STE20-like kinase domain but lacks several residues that are critical for catalytic activity, so it is termed a 'pseudokinase'. The protein forms a heterotrimeric complex with serine/threonine kinase 11 (STK11, also known as LKB1) and the scaffolding protein calcium-binding protein 39 (CAB39, also known as MO25). The protein is necessary for STK11-induced G1 cell cycle arrest. STRADA is widely expressed in the testis, brain, and other tissues. PMSE (polyhydramnios, megalencephaly, and symptomatic epilepsy syndrome; also known as Pretzel syndrome) is caused by a homozygous deletion of exons 9 to 13 of the LYK5/STRADA gene.
References	Parker WE, et al. (2013) Rapamycin prevents seizures after depletion of strada in a rare neurodevelopmental disorder. Sci Transl Med 5 (182): 182ra153.Nelson K, et al. (2018) Novel homozygous deletion in strada gene associated with polyhydramnios, megalencephaly, and epilepsy in 2 siblings: Implications for diagnosis and treatment. J Child Neurol 33 (14): 925-929.Dang LT, et al. (2020) Multimodal analysis of strada function in brain development. Front Cell Neurosci 14 122.

NCBI AND UNIPROT INFORMATION

NCBI GI #	51242960
NCBI GeneID	92335
NCBI Accession #	NP_001003786.1
NCBI GenBank Nucleotide #	NM_001003786.2
UniProt Accession #	Q7RTN6; Q5JPI2; Q7Z4K9; Q8NC31; Q8NCF1; Q9H272; B4DDE3; B4DW17; J3KTC9
Molecular Weight	48,369 Da
NCBI Official Full Name	STE20-related kinase adapter protein alpha isoform 2
NCBI Official Synonym Full Names	STE20-related kinase adaptor alpha
NCBI Official Symbol	STRADA
NCBI Official Synonym Symbols	LYK5; PMSE; Stlk; STRAD; NY-BR-96
NCBI Protein Information	STE20-related kinase adapter protein alpha; STRAD alpha; protein kinase LYK5; STE20-like pseudokinase; serologically defined breast cancer antigen NY-BR-96
UniProt Protein Name	STE20-related kinase adapter protein alpha
UniProt Gene Name	STRADA
UniProt Synonym Gene Names	LYK5; STRAD; STRAD alpha
UniProt Entry Name	STRAA_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/strada-antibody-immunohistochemistry-elisa/254964>