

Product datasheet

Anti-FIST antibody ab72538

[2 References](#) [2 Images](#)

Overview

Product name	Anti-FIST antibody
Description	Rabbit polyclonal to FIST
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide corresponding to Human FIST. NM_005734 Database link: Q9H422-1
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.4 Preservative: 0.05% Sodium azide Constituent: PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The **Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab72538 in the following tested applications.

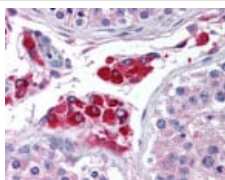
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.5 - 2 µg/ml. Detects a band of approximately 134 kDa (predicted molecular weight: 134 kDa).
IHC-P		Use a concentration of 10 µg/ml.

Target

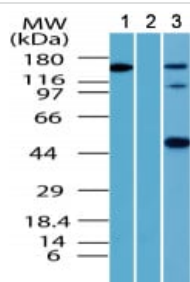
Function	Seems to negatively regulate apoptosis by promoting FADD phosphorylation. Enhances androgen receptor-mediated transcription. May act as a transcriptional corepressor for NK homeodomain transcription factors.
Tissue specificity	Overexpressed in multidrug resistant cells. Highly expressed in heart and skeletal muscle, and at lower levels in placenta, pancreas, brain, spleen, prostate, thymus, testis, small intestine, colon and leukocytes. Not found in liver and lung.
Sequence similarities	Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. HIPK subfamily. Contains 1 protein kinase domain.
Post-translational modifications	Autophosphorylated, but autophosphorylation is not required for catalytic activity. May be sumoylated.
Cellular localization	Cytoplasm. Nucleus.

Images



ab72538 at 10µg/ml staining FIST in human testis by Immunohistochemistry using paraffin-embedded tissue.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FIST antibody (ab72538)



All lanes : Anti-FIST antibody (ab72538) at 1 µg/ml

Lane 1 : Mouse testis lysate

Lane 2 : Mouse testis lysate with immunising peptide

Lane 3 : Rat testis lysate

Predicted band size: 134 kDa

Observed band size: 134 kDa

Additional bands at: 100 kDa, 50 kDa. We are unsure as to the identity of these extra bands.

Western blot - Anti-FIST antibody (ab72538)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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