

Rabbit anti-Human GSPT1 Polyclonal Antibody | anti-GSPT1 antibody

GSPT1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234066	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

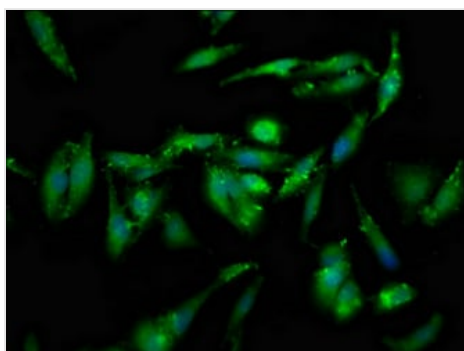
PRODUCT SYNONYMS

GSPT1; Polyclonal Antibody; GSPT1 Antibody; Eukaryotic peptide chain release factor GTP-binding subunit ERF3A; Eukaryotic peptide chain release factor subunit 3a; eRF3a; G1 to S phase transition protein 1 homolog; ERF3A; anti-GSPT1 antibody

PRODUCT SPECIFICATIONS

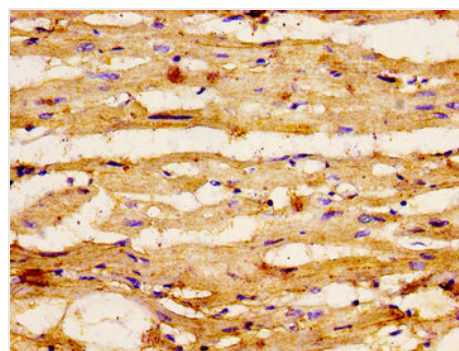
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	636
Applicable Applications for anti-GSPT1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Eukaryotic peptide chain release factor GTP-binding subunit ERF3A protein (6-142AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



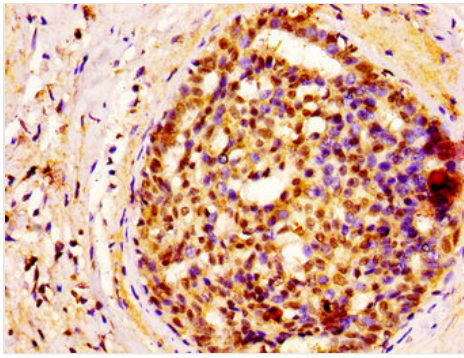
IHC (Immunohistochemistry)

Immunofluorescence staining of HeLa cells with AAA234066 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234066 diluted at 1:400 and staining in paraffin-embedded human heart tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated ABC system.



IHC (Immunohistochemistry)

IHC image of AAA234066 diluted at 1:400 and staining in paraffin-embedded human breast cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-GSPT1 antibody	Involved in translation termination in response to the termination codons UAA, UAG and UGA. Stimulates the activity of ERF1. Involved in regulation of mammalian cell growth. Component of the transient SURF complex which recruits UPF1 to stalled ribosomes in the context of nonsense-mediated decay (NMD) of mRNAs containing premature stop codons.
Product Categories/Family for anti-GSPT1 antibody	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	194097354
NCBI GeneID	2935
NCBI Accession #	NP_001123478.1
NCBI GenBank Nucleotide #	NM_001130006.1
UniProt Accession #	P15170 ; Q96GF2 ; J3KQG6
Molecular Weight	68,700 Da
NCBI Official Full Name	eukaryotic peptide chain release factor GTP-binding subunit ERF3A isoform 2
NCBI Official Synonym Full Names	G1 to S phase transition 1
NCBI Official Symbol	GSPT1
NCBI Official Synonym Symbols	GST1; ETF3A; eRF3a; 551G9.2
NCBI Protein Information	eukaryotic peptide chain release factor GTP-binding subunit ERF3A
UniProt Protein Name	Eukaryotic peptide chain release factor GTP-binding subunit ERF3A
UniProt Gene Name	GSPT1
UniProt Synonym Gene Names	ERF3A; Eukaryotic peptide chain release factor subunit 3a; eRF3a

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/gspt1-antibody-immunofluorescence-immunohistochemistry-elisa/234066>