

Rabbit anti-Human, Mouse DPPA5 Polyclonal Antibody | anti-DPPA5 antibody

DPPA5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234555	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

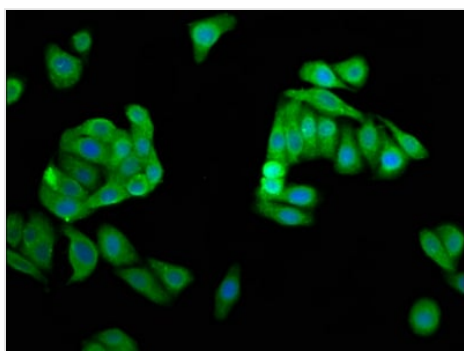
PRODUCT SYNONYMS

DPPA5; Polyclonal Antibody; DPPA5 Antibody; Developmental pluripotency-associated 5 protein; hDPPA5; Embryonal stem cell-specific gene 1 protein; ESG-1; ESG1; anti-DPPA5 antibody

PRODUCT SPECIFICATIONS

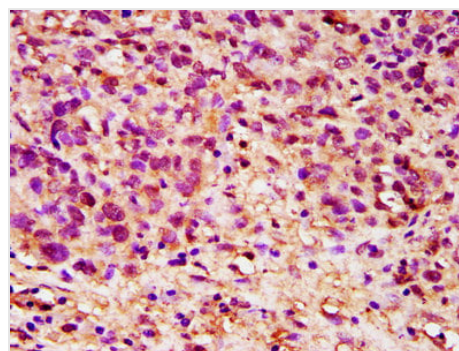
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	116
Applicable Applications for anti-DPPA5 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Developmental pluripotency-associated 5 protein (1-116AA)
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



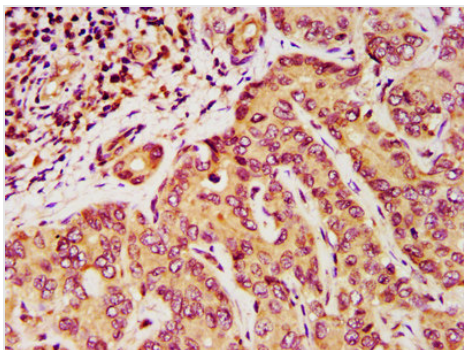
IF (Immunofluorescence)

Immunofluorescence staining of HepG2 cells with AAA234555 at 1:66, 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).



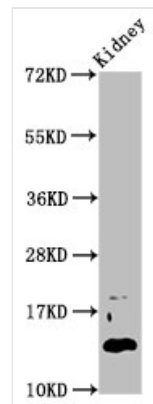
IHC (Immunohistochemistry)

IHC image of AAA234555 diluted at 1:200 and staining in paraffin-embedded human ovarian cancer performed on a Leica Bond™ 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.



IHC (Immunohistochemistry)

IHC image of AAA234555 diluted at 1:200 and staining in paraffin-embedded human liver 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.



WB (Western Blot)

Western Blot Positive WB detected in: Mouse kidney tissue
All lanes: DPPA5 antibody at 4.6ug/ml
Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution
Predicted band size: 14 KDa
Observed band size: 14 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-DPPA5 antibody	Involved in the maintenance of embryonic stem (ES) cell pluripotency. Dispensable for self-renewal of pluripotent ES cells and establishment of germ cells. Associates with specific target mRNAs (By similarity).
Product Categories/Family for anti-DPPA5 antibody	Developmental biology ; Stem cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	70608179
NCBI GeneID	340168
NCBI Accession #	NP_001020461.1
NCBI GenBank Nucleotide #	NM_001025290.2
UniProt Accession #	A6NC42; B2RPQ7
Molecular Weight	13,498 Da
NCBI Official Full Name	developmental pluripotency-associated 5 protein
NCBI Official Synonym Full Names	developmental pluripotency associated 5
NCBI Official Symbol	DPPA5
NCBI Official Synonym Symbols	ESG1
NCBI Protein Information	developmental pluripotency-associated 5 protein
UniProt Protein Name	Developmental pluripotency-associated 5 protein
UniProt Gene Name	DPPA5
UniProt Synonym Gene Names	ESG1; hDPPA5; ESG-1

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://www.aaabiotech.com/polyclonal/dppa5-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/234555>