

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

DPPA5 Antibody (N-term)

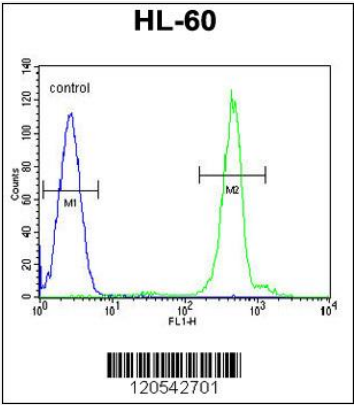
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287851	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

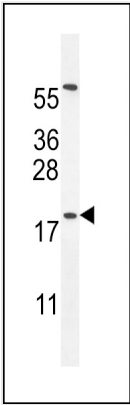
DPPA5; Polyclonal Antibody; DPPA5 Antibody (N-term); Developmental pluripotency-associated 5 protein; hDPPA5; Embryonal stem cell-specific gene 1 protein; ESG-1; ESG1; anti-DPPA5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DPPA5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 2-31 amino acids from the N-terminal region of human DPPA5.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.32 (varies by lot)
Sequence Positions	2-31
Sequence Length	116
Applicable Applications for anti-DPPA5 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
DPPA5 Antibody (N-term) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
DPPA5 Antibody (N-term) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the DPPA5 antibody detected the DPPA5 protein (arrow).

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 ; Signal Transduction
References	Pierre, A., et al. Genomics 90(5):583-594(2007) Kim, S.K., et al. Stem Cells 23(4):458-462(2005)

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	13498
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
UniProt Entry Name	DPPA5_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.

