

Rabbit anti-Human, mouse IER3 Polyclonal Antibody | anti-IER3 antibody

IER3 Antibody (N-term)

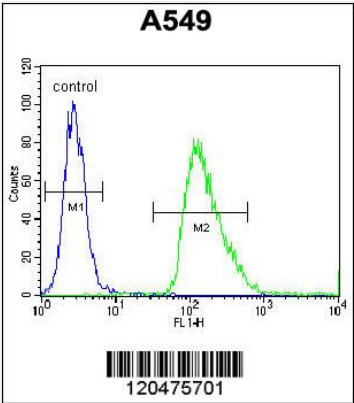
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287626	Rabbit	Human, mouse	Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

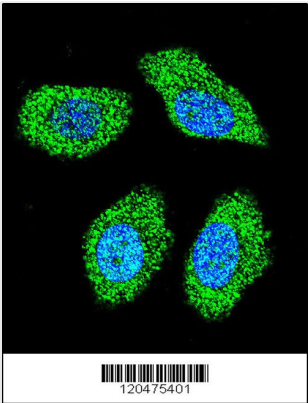
IER3; Polyclonal Antibody; IER3 Antibody (N-term); Radiation-inducible immediate-early gene IEX-1; Differentiation-dependent gene 2 protein; Protein DIF-2; Immediate early protein GLY96; Immediate early response 3 protein; PACAP-responsive gene 1 protein; Protein PRG1; DIF2; IEX1; PRG1; anti-IER3 antibody

PRODUCT SPECIFICATIONS

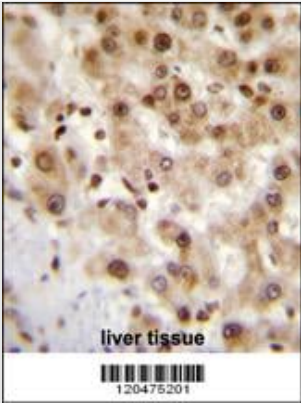
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This IER3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 38-65 amino acids from the N-terminal region of human IER3.
Purity/Purification	Peptide Affinity Purified Rabbit 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: 0.36 (varies by lot)
Sequence Positions	38-65
Sequence Length	156
Applicable Applications for anti-IER3 antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry), 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.



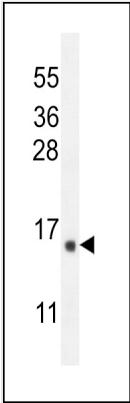
FCM/FACS (Flow Cytometry)
IER3 Antibody (N-term) flow cytometric analysis of A549 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



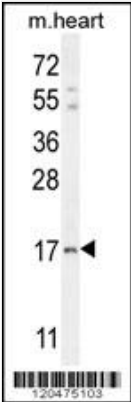
IF (Immunofluorescence)
Confocal immunofluorescent analysis of IER3 Antibody (N-term) with A549 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



IHC (Immunohistochemistry)
IER3 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of IER3 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
IER3 Antibody (N-term) western blot analysis in A549 cell line lysates (35ug/lane).This demonstrates the IER3 antibody detected the IER3 protein (arrow).



WB (Western Blot)
IER3 Antibody (N-term) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the IER3 antibody detected the IER3 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-IER3 antibody	This gene functions in the protection of cells from Fas- or tumor necrosis factor type alpha-induced apoptosis. Partially degraded and unspliced transcripts are found after virus infection in vitro, but these transcripts are not found in vivo and do not generate a valid protein.
Product Categories/Family for anti-IER3 antibody	Cell Biology ; Signal transduction
References	Shahid, M., et al. Hypertension 56(4):705-712(2010) Ucisik-Akkaya, E., et al. Mol. Hum. Reprod. 16(10):770-777(2010) Fellay, J., et al. PLoS Genet. 5 (12), E1000791 (2009) : Do, T.N., et al. Cancer Genet. Cytogenet. 195(1):31-36(2009) Barcellos, L.F., et al. PLoS Genet. 5 (10), E1000696 (2009) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	119964723
NCBI GeneID	8870
NCBI Accession #	NP_003888.2
NCBI GenBank Nucleotide #	NM_003897.3
UniProt Accession #	P46695 ; Q5SU30 ; Q92691 ; Q93044
Molecular Weight	16903
NCBI Official Full Name	radiation-inducible immediate-early gene IEX-1
NCBI Official Synonym Full Names	immediate early response 3
NCBI Official Symbol	IER3
NCBI Official Synonym Symbols	DIF2; IEX1; PRG1; DIF-2; GLY96; IEX-1; IEX-1L
NCBI Protein Information	radiation-inducible immediate-early gene IEX-1
UniProt Protein Name	Radiation-inducible immediate-early gene IEX-1
UniProt Gene Name	IER3
UniProt Synonym Gene Names	DIF2; IEX1; PRG1; Protein DIF-2; Protein PRG1
UniProt Entry Name	IEX1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/ier3-antibody-flow-cytometry-immunofluorescence-immunohistochemistry-western-blot-elisa/287626>