

Rabbit ISM1 Polyclonal Antibody | anti-ISM1 antibody

ISM1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284832	Rabbit	Human (Predicted Reactivity: Mouse)	Immunohistochemistry, ELISA, Western Blot

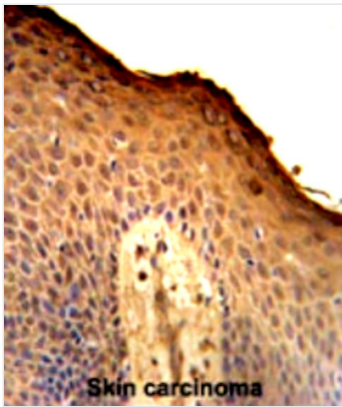
PRODUCT SYNONYMS

ISM1; Polyclonal Antibody; ISM1 Antibody (C-term); Isthmin-1; C20orf82; ISM; anti-ISM1 antibody

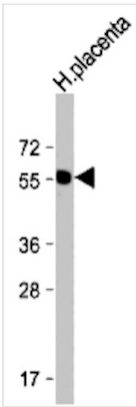
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This ISM1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 435-464 amino acids of human ISM1.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	435-464
Sequence Length	464
Applicable Applications for anti-ISM1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Function	Acts as an angiogenesis inhibitor.
Cellular Location	Secreted.
Preparation and Storage	Maintain refrigerated at 2-8 degrees C for up to 2 weeks. For long term storage store at -20 degrees C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
ISM1 Antibody (C-term) (#AAA284832) immunohistochemistry analysis in formalin fixed and paraffin embedded human skin carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ISM1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Anti-ISM1 Antibody (C-term) at 1:2000 dilution + Human placenta tissue lysate Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 52 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

ADDITIONAL INFORMATION

Product Categories/Family for anti-ISM1 antibody	Cancer
References	Simon-Sanchez, J., et al. Nat. Genet. 41(12):1308-1312(2009) Pera, E.M., et al. Mech. Dev. 116 (1-2), 169-172 (2002) Deloukas, P., et al. Nature 414(6866):865-871(2001)

NCBI AND UNIPROT INFORMATION

NCBI GI #	153791192
NCBI GeneID	140862
NCBI Accession #	NP_543016.1
NCBI GenBank Nucleotide #	NM_080826.1
UniProt Accession #	B1AKI9; Q8WVH9
NCBI Official Full Name	isthmin-1
NCBI Official Synonym Full Names	isthmin 1, angiogenesis inhibitor
NCBI Official Symbol	ISM1
NCBI Official Synonym Symbols	ISM; Isthmin; C20orf82; bA149I18.1; dJ1077I2.1
NCBI Protein Information	isthmin-1
UniProt Protein Name	Isthmin-1
UniProt Gene Name	ISM1
UniProt Synonym Gene Names	C20orf82; ISM
UniProt Entry Name	ISM1_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.