

MAGEF1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP58399

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q9HAY2
Reactivity	Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	35222

Additional Information

Gene ID	64110
Other Names	Melanoma-associated antigen F1, MAGE-F1, MAGE-F1 antigen, MAGEF1 (HGNC:29639)
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	MAGEF1 (HGNC:29639)
Function	Enhances ubiquitin ligase activity of RING-type zinc finger- containing E3 ubiquitin ligases. Proposed to act through recruitment and/or stabilization of the E2 ubiquitin-conjugating enzyme at the E3:substrate complex. MAGEF1-NSMCE1 ubiquitin ligase complex promotes proteasomal degradation of MMS19, a key component of the cytosolic iron-sulfur protein assembly (CIA) machinery. Down-regulation of MMS19 impairs the activity of several DNA repair and metabolism enzymes such as ERCC2/XPD, FANCI, RTEL1 and POLD1 that require iron-sulfur clusters as cofactors. May negatively regulate genome integrity by inhibiting homologous recombination-mediated double-strand break DNA repair (PubMed: 29225034).
Tissue Location	Ubiquitous..