

Product datasheet

Anti-OLFM4 antibody ab65443

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Overview

Product name	Anti-OLFM4 antibody
Description	Rabbit polyclonal to OLFM4
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Rat, Horse, Guinea pig, Cow
Immunogen	A region within a synthetic peptide: AFMVCGVLYA TRTMNTRTEE IFYYDTNTG KEGKLDIVMH KMQEKVQSIN, corresponding to C terminal amino acids 433-482 of Human OLFM4 Run BLAST with ExPASy Run BLAST with NCBI
Positive control	Jurkat cell lysate.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: None Constituents: 2% Sucrose, PBS
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab65443** in the following tested applications.

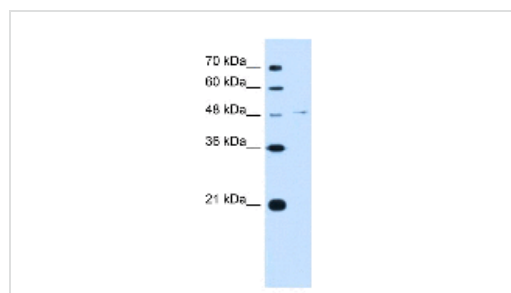
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 5 µg/ml. Detects a band of approximately 50 kDa (predicted molecular weight: 57 kDa). Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

Target

Function	An antiapoptotic factor that promotes tumor growth. Promotes proliferation of pancreatic cancer cells by favoring the transition from the S to G2/M phase. Facilitates cell adhesion.
Tissue specificity	Expressed during myeloid lineage development. Strongly expressed in the prostate, small intestine and colon and moderately expressed in the bone marrow and stomach. Highly expressed in pancreatic cancer tissues and shows an elevated expression level during the early S phase of the cell cycle. Also expressed at high levels in stomach cancer and colon cancer tissues.
Sequence similarities	Contains 1 olfactomedin-like domain.
Domain	The olfactomedin-like domain is involved in the interaction with cadherin.
Post-translational modifications	N-glycosylated.
Cellular localization	Secreted > extracellular space. According to PubMed:15059901, found in mitochondrion and nucleus.

Images



Western blot - OLFM4 antibody (ab65443)

Anti-OLFM4 antibody (ab65443) at 5 µg/ml +
Jurkat cell lysate at 10 µg

Secondary

HRP conjugated anti-Rabbit IgG at 1/50000
dilution

Predicted band size: 57 kDa

Observed band size: 50 kDa

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