

Datasheet for ABIN2790423

anti-MS4A7 antibody (Middle Region)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	MS4A7
Binding Specificity:	Middle Region
Reactivity:	Human, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MS4A7 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of Human MS4A7
Sequence:	TGSLSIISGK QSTKPFDLSS LTSNAVSSVT AGAGLFLAD SMVALRTASQ
Predicted Reactivity:	Dog: 79%, Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against MS4A7. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	MS4A7
Alternative Name:	MS4A7 (MS4A7 Products)
Background:	This gene encodes a member of the membrane-spanning 4A gene family, members of which

Target Details

are characterized by common structural features and similar intron/exon splice boundaries and display unique expression patterns in hematopoietic cells and nonlymphoid tissues. This family member is associated with mature cellular function in the monocytic lineage, and it may be a component of a receptor complex involved in signal transduction. This gene is localized to 11q12, in a cluster of other family members. At least four alternatively spliced transcript variants encoding two distinct isoforms have been observed.

Alias Symbols: 4SPAN2, CD20L4, CFFM4, MGC22368, MS4A8

Protein Interaction Partner: SLC35F6, HMGCL,

Protein Size: 240

Molecular Weight: 26 kDa

Gene ID: 58475

NCBI Accession: [NM_021201](#), [NP_067024](#)

UniProt: [Q9GZW8](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 240 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-MS4A7 Antibody Titration: 1.0 ug/ml Positive Control: Hela Whole Cell