

Datasheet for ABIN2781526
anti-ABCA7 antibody (Middle Region)[Go to Product page](#)

2 Images

1 Publication

Overview

Quantity:	100 µL
Target:	ABCA7
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABCA7 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide corresponding to a region of Mouse
Sequence:	DTQTRHLSGG MQRKLSVAIA FVGGSRVVIM DEPTAGVDPA SRRGIWELL
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 100%, Human: 100%, Mouse: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against Abca7. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	ABCA7
Alternative Name:	Abca7 (ABCA7 Products)
Background:	Abca7 plays a role in phagocytosis by macrophages of apoptotic cells. Abca7 binds APOA1 and

Target Details

may function in apolipoprotein-mediated phospholipid efflux from cells. Abca7 may also mediate cholesterol efflux. Abca7 may regulate cellular ceramide homeostasis during keratinocytes differentiation.

Alias Symbols: ABCX, Abc51

Protein Size: 2159

Molecular Weight: 237 kDa

Gene ID: 27403

NCBI Accession: [NM_013850](#), [NP_038878](#)

UniProt: [Q91V24](#)

Application Details

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

Comment: Antigen size: 2159 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.

Publications

Product cited in: Spellman, Ahmed, Dubach, Gardiner: "Expression of trisomic proteins in Down syndrome model

systems." in: **Gene**, Vol. 512, Issue 2, pp. 219-25, (2012) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-Abca7 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Mouse Liver

Western Blotting

Image 2. Host: Rabbit Target Name: ABCA7 Sample Tissue: Mouse Spleen Antibody Dilution: 1ug/ml