

ABCA8 Antibody

ABCA8, ATP-binding cassette, sub-family A (ABC1), member 8, KIAA0822, MGC163152, ATP-binding cassette, sub-family A member 8

CATALOG NO.: 46-791

HOST:

Goat

CLONALITY:

Polyclonal

INFORMATION:

ABCA8 Antibody. This antibody is expected to cross-react with the highly similar Human ABCA9, since the immunizing peptide differs from ABCA9 with only one residue (F8).

SOURCE:

Antibody was raised against a synthetic peptide of ABCA8.

PROTEIN ACCESSION NUMBER(S) :

NP_009099.1

SPECIES REACTIVITY:

H

TESTED APPLICATION:

E

APPLICATION:

Peptide ELISA: antibody detection limit dilution 1:4,000.
Western Blot: Preliminary experiments gave an approx. 50-55kDa band in Human Brain (Cerebellum, Cerebral Cortex, Frontal Cortex), Heart, Skeletal Muscle and Testis lysates after 0.3µg/ml anti

PURIFICATION:

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

BUFFER:

0.1mg of purified antibody, 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

STORAGE:

Aliquot and store at -20°C. Minimize freezing and thawing.

REFERENCE:

Tsuruoka S, Ishibashi K, Yamamoto H, Wakaumi M, Suzuki M, Schwartz GJ, Imai M, Fujimura A. Functional analysis of ABCA8, a new drug transporter. Biochem Biophys Res Commun. 2002 Oct 18;298(1):41-5

USER NOTES:

When working with antibodies optimal dilutions and concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.