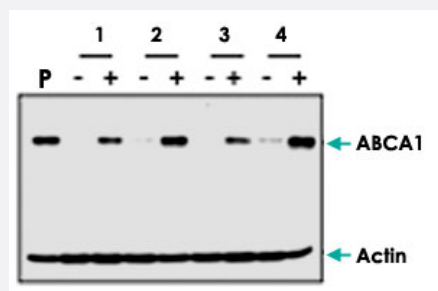


ABCA1 monoclonal antibody, clone AB.H10

Catalog # MAB8772

Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of ABCA1 induction by cholesterol (+) in human fibroblast cells from different patients (1, 2, 3, 4). Simultaneous blotting with anti-actin antibody was used for protein loading control.

Specification

Product Description	Mouse monoclonal antibody raised against synthetic peptide of ABCA1.
Immunogen	A synthetic peptide corresponding to amino acids 1800-2260 at C-terminus end of human ABCA1.
Host	Mouse
Reactivity	Chicken, Human, Mouse
Form	Liquid
Purification	Protein A purification
Concentration	1 ug/uL
Recommend Usage	Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.05% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of ABCA1 induction by cholesterol (+) in human fibroblast cells from different patients (1, 2, 3, 4). Simultaneous blotting with anti-actin antibody was used for protein loading control.

- Immunohistochemistry

- Immunoprecipitation

- Enzyme-linked Immunoabsorbent Assay

Gene Info — ABCA1

Entrez GeneID	19
Gene Name	ABCA1
Gene Alias	ABC-1, ABC1, CERP, FLJ14958, HDLDT1, MGC164864, MGC165011, TGD
Gene Description	ATP-binding cassette, sub-family A (ABC1), member 1
Omim ID	143890 205400 600046 604091
Gene Ontology	Hyperlink
Gene Summary	The membrane-associated protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intracellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TA P, MRP, ALD, OABP, GCN20, White). This protein is a member of the ABC1 subfamily. Members of the ABC1 subfamily comprise the only major ABC subfamily found exclusively in multicellular eukaryotes. With cholesterol as its substrate, this protein functions as a cholesterol efflux pump in the cellular lipid removal pathway. Mutations in this gene have been associated with Tangier's disease and familial high-density lipoprotein deficiency. [provided by RefSeq]
Other Designations	ATP binding cassette transporter 1 ATP-binding cassette 1 ATP-binding cassette, sub-family A member 1 OTTHUMP00000021833 cholesterol efflux regulatory protein membrane-bound

Pathway

- [ABC transporters](#)

Disease

- [Alzheimer disease](#)
- [Angina Pectoris](#)
- [Arteriosclerosis](#)
- [Atherosclerosis](#)
- [Atrial Fibrillation](#)
- [Brain Ischemia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Cerebral Hemorrhage](#)
- [Cerebral Infarction](#)
- [Cerebrovascular Accident](#)
- [Cerebrovascular Disorders](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Coronary Stenosis](#)
- [Dementia](#)

- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Diseases in Twins](#)
- [Ductus Arteriosus](#)
- [Dyslipidemias](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)
- [HIV Infections](#)
- [Hypercholesterolemia](#)
- [Hyperlipidemias](#)
- [Hyperlipoproteinemia Type II](#)
- [Hypertension](#)
- [Hypertriglyceridemia](#)
- [Hypoalphalipoproteinemias](#)
- [Hypolipoproteinemias](#)
- [Infant](#)
- [Inflammation](#)
- [Insulin Resistance](#)
- [Intracranial Arteriosclerosis](#)
- [Intracranial Thrombosis](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Macular Degeneration](#)

- [Metabolic Syndrome X](#)
- [Myocardial Infarction](#)
- [Myocardial Ischemia](#)
- [Neoplasms](#)
- [Nephrotic Syndrome](#)
- [Obesity](#)
- [Obstetric Labor](#)
- [Osteoporosis](#)
- [Overweight](#)
- [Pulmonary Disease](#)
- [Radiodermatitis](#)
- [Recurrence](#)
- [Renal Insufficiency](#)
- [Schizophrenia](#)
- [Stroke](#)
- [Tangier disease](#)
- [Thrombosis](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)