



Rabbit Anti-Human Vimentin monoclonal antibody, clone TQ30 (CABT-L1656)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	VIM
Immunogen	Recombinant human vimentin protein.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	TQ30
Conjugate	Unconjugated
Applications	FC, IHC-P, WB
Positive Control	A suggested positive control is melanomas or sarcomas.
Format	Liquid
Buffer	Tissue culture supernatant diluted in TBS, pH 7.5, with 1% BSA
Preservative	0.1% Sodium Azide
Storage	4°C, do not freeze

BACKGROUND

Introduction	This gene encodes a member of the intermediate filament family. Intermediate filaments, along with microtubules and actin microfilaments, make up the cytoskeleton. The protein
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encoded by this gene is responsible for maintaining cell shape, integrity of the cytoplasm, and stabilizing cytoskeletal interactions. It is also involved in the immune response, and controls the transport of low-density lipoprotein (LDL)-derived cholesterol from a lysosome to the site of esterification. It functions as an organizer of a number of critical proteins involved in attachment, migration, and cell signaling. Mutations in this gene causes a dominant, pulverulent cataract.

GENE INFORMATION

Entrez Gene ID	7431
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UniProt ID	P08670
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