

CAV3 Polyclonal Antibody

catalog number: E-AB-13049

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Human
Immunogen	Synthetic peptide of human CAV3
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications

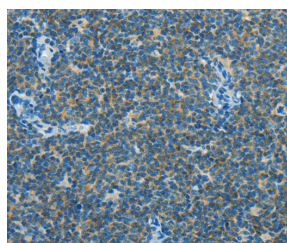
Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:25-1:100

Data

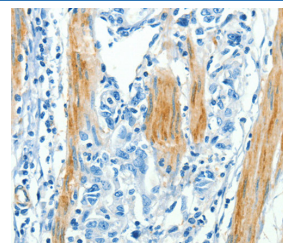


Western Blot analysis of Human fetal muscle tissue using CAV3 Polyclonal Antibody at dilution of 1:500

Calculated-MW:17 kDa



Immunohistochemistry of paraffin-embedded Human lymphoma using CAV3 Polyclonal Antibody at dilution of 1:30



Immunohistochemistry of paraffin-embedded Human gastric cancer using CAV3 Polyclonal Antibody at dilution of 1:30

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

For Research Use Only

This gene encodes a caveolin family member, which functions as a component of the caveolae plasma membranes found in most cell types. Caveolin proteins are proposed to be scaffolding proteins for organizing and concentrating certain caveolin-interacting molecules. Mutations identified in this gene lead to interference with protein oligomerization or intra-cellular routing, disrupting caveolae formation and resulting in Limb-Girdle muscular dystrophy type-1C (LGMD-1C), hyperCKemia or rippling muscle disease (RMD). Alternative splicing has been identified for this locus, with inclusion or exclusion of a differentially spliced intron. In addition, transcripts utilize multiple polyA sites and contain two potential translation initiation sites.

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