

## DNM1L RABBIT PAB

**Cat.#:** S217369

**Product Name:** Anti-DNM1L Rabbit Polyclonal Antibody

**Synonyms:** DLP1; DRP1; DVLP; EMPF; OPA5; EMPF1; DYMPLE; HDYNIV

**UNIPROT ID:** O00429 (Gene Accession - BC024590 )

**Background:** This gene encodes a member of the dynamin superfamily of GTPases. The encoded protein mediates mitochondrial and peroxisomal division, and is involved in developmentally regulated apoptosis and programmed necrosis. Dysfunction of this gene is implicated in several neurological disorders, including Alzheimer's disease. Mutations in this gene are associated with the autosomal dominant disorder, encephalopathy, lethal, due to defective mitochondrial and peroxisomal fission (EMPF). Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jun 2013]

**Immunogen:** Fusion protein of human DNM1L

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 200-300;WB: 500-2000;ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

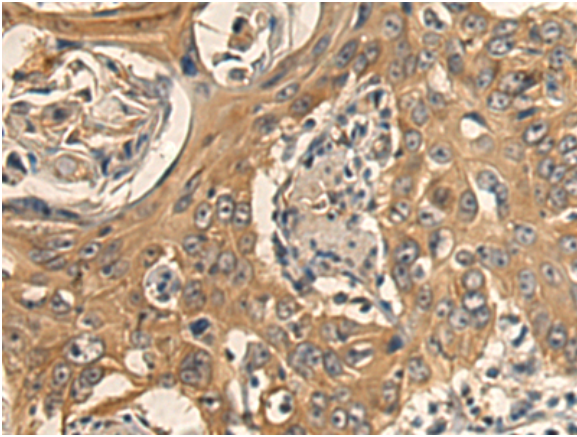
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse

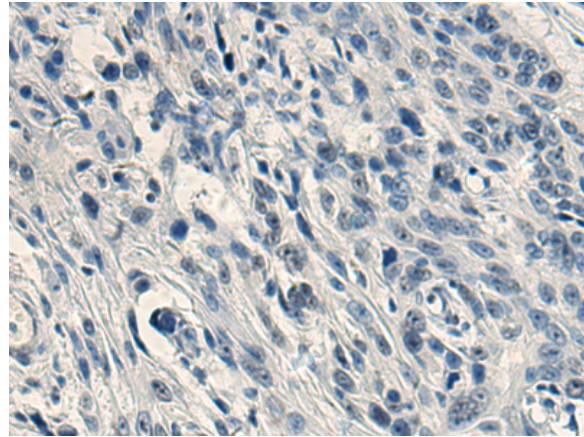
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Metabolism, Cancer, Neuroscience

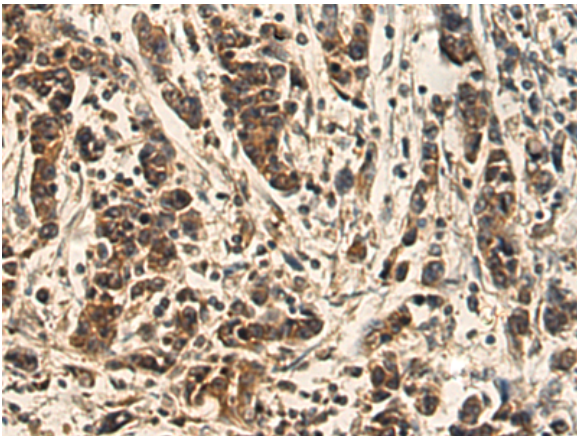
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



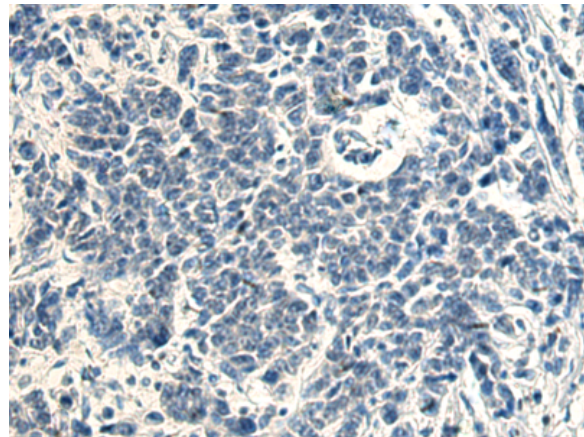
Immunohistochemistry analysis of paraffin embedded Human esophagus cancer tissue using 217369(DNMIL Antibody) at a dilution of 1/160(Cytoplasm).



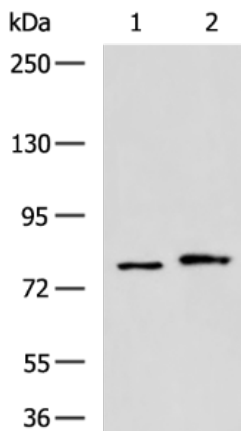
In comparison with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with the fusion protein and then with 217369(Anti-DNMIL Antibody) at dilution 1/160.



The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using 217369(Anti-DNMIL Antibody) at a dilution of 1/160.



In comparison with the IHC on the left, the same paraffin-embedded Human colorectal cancer tissue is first treated with fusion protein and then with D22247(Anti-DNMIL Antibody) at dilution 1/160.



Gel: 6%SDS-PAGE, Lysate: 40 µg;  
Lane 1-2: Raji cell and Mouse brain tissue lysates;  
Primary antibody: 217369(DNMIL Antibody) at dilution 1/800;  
Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;  
Exposure time: 1 minute



# Product Description

Pioneering GTPase and Oncogene Product Development since 2010

---