

## Product datasheet for **TA368991**

### AIFM3 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Mouse thymus tissue IHC: 50-200 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human AIFM3
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	67 kDa
Gene Name:	apoptosis inducing factor, mitochondria associated 3
Database Link:	<a href="#">Entrez Gene 150209 Human Q96NN9</a>



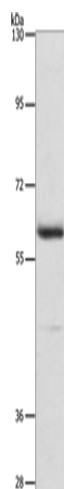
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**Background:**

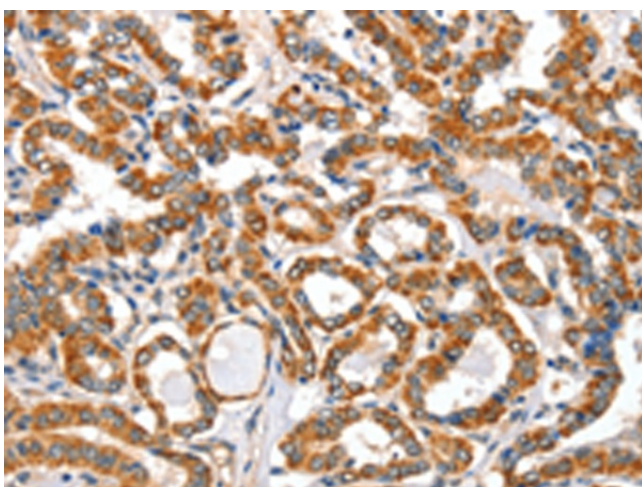
AIFL (apoptosis-inducing factor-like), also known as AIFM3 (apoptosis-inducing factor, mitochondrion-associated, 3), is a 605 amino acid protein that localizes to the mitochondrion and contains one rieske domain. Expressed ubiquitously in tissues including liver, thymus, ovary, bone marrow and cerebral cortex, AIFL functions to induce apoptosis, specifically through a caspase-dependent pathway, and may also play a role in the modulation of mitochondrial membrane potential. Multiple isoforms of AIFL exist due to alternative splicing events. The gene encoding AIFL maps to human chromosome 22, which houses over 500 genes and is the second smallest human chromosome.

**Synonyms:**

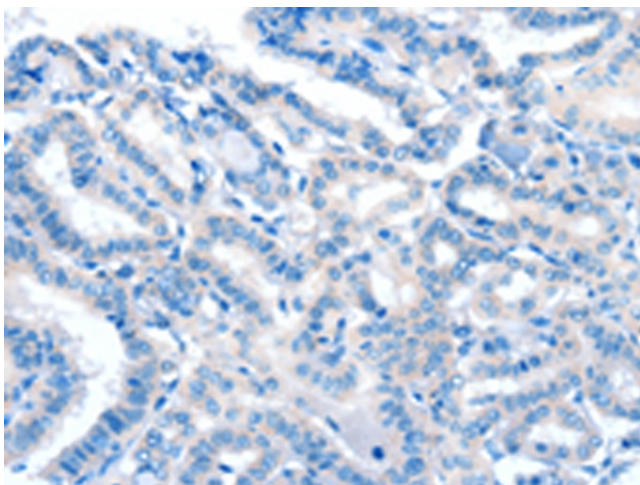
AIFL; FLJ30473; FLJ45137; OTTHUMP00000198535; OTTHUMP00000198536

**Product images:**

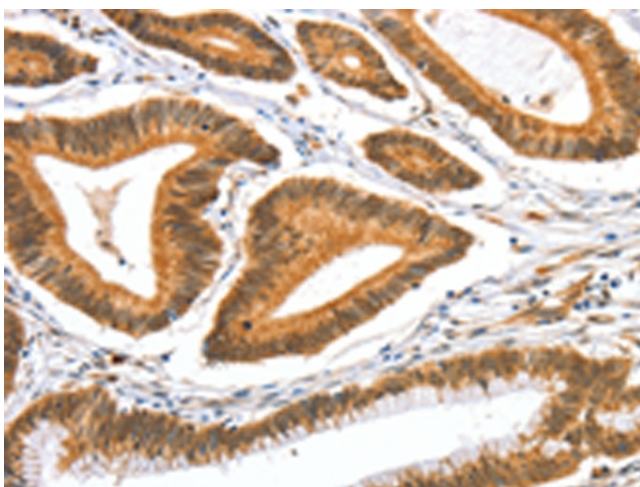
Gel: 10%SDS-PAGE  
Lysate: 40 µg  
Lane: Mouse thymus tissue  
Primary antibody: TA368991 (AIFM3 Antibody) at dilution 1/240  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
Exposure time: 5 seconds



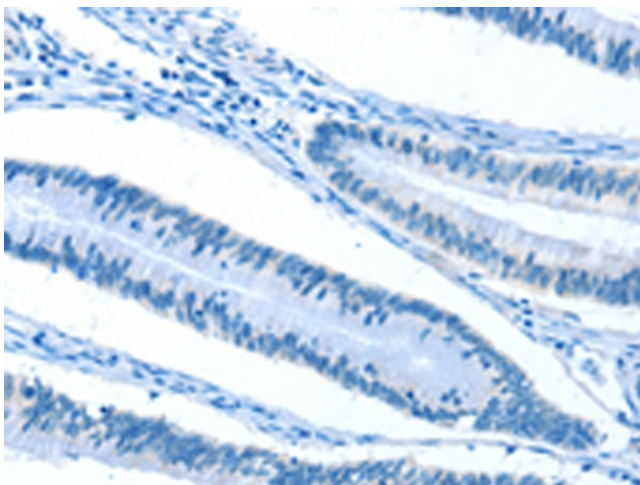
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA368991 (AIFM3 Antibody) at dilution 1/40 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA368991 (AIFM3 Antibody) at dilution 1/40, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA368991 (AIFM3 Antibody) at dilution 1/40 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA368991 (AIFM3 Antibody) at dilution 1/40, treated with fusion protein. (Original magnification: ×200)