

Nur für Forschungszwecke

# AEG-1/MTDH-Specific Polyklonaler Antikörper



Katalog-Nr.:13860-1-AP

Vorgestelltes Produkt

48 Publikationen

## Allgemeine Informationen

Katalog-Nr.:  
13860-1-AP

Größe:  
150ul , Konzentration: 900 µg/ml von  
Nanodrop und 353 µg/ml durch die  
Bradford-Methode mit BSA als  
Standard;

Wirt:  
Kaninchen

Isotyp:  
IgG

Immunogen Katalognummer:  
AG4840

GenBank-Zugangsnummer:  
BC045642

GeneID (NCBI):  
92140

Vollständiger Name:  
metadherin

Berechnete Masse:  
582 aa, 64 kDa

Beobachtete Masse:  
65-70 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:2000  
IP 0.5-4.0 ug für IP und 1:500-1:2000  
für WB  
IHC 1:200-1:800  
IF 1:20-1:200

## Anwendungen

Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

CoIP, IF, IHC, IP, RIP, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus, Ratte

**Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (\*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.**

Positivkontrollen:

WB : MCF-7-Zellen, A375-Zellen, A549-Zellen, DU 145-Zellen, HeLa-Zellen, HepG2-Zellen, HL-60-Zellen, Mausmilzgewebe, PC-3-Zellen, RAW 264.7-Zellen

IP : MCF-7-Zellen,

IHC : humanes Mammakarzinomgewebe, humanes Leberkarzinomgewebe, Maushirngewebe

IF : MCF-7-Zellen,

## Hintergrundinformationen

MTDH, also known as AEG-1, is a single-pass transmembrane protein with its gene located at chromosome 8q22 , the abnormalities of which have been identified in several tumor types. MTDH is overexpressed in a number of malignancies, such as breast cancer, malignant glioma, and neuroblastoma , and its overexpression is associated with poor clinical outcome. MTDH plays an important role in the regulation of carcinogenesis and tumor progression. This antibody got two bands about 70 kDa and 80 kDa in western blotting, possibly due to posttranslational modification. This antibody is specific to AEG-1/MTDH.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Kai-Lin Peng	36067288	Proc Natl Acad Sci U S A	RIP
Kunmei Liu	36237597	Exp Ther Med	WB
Junqi Fu	36133745	Mediators Inflamm	WB

## Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

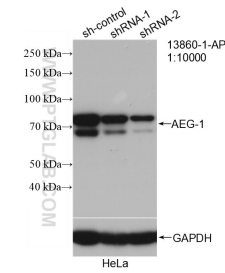
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

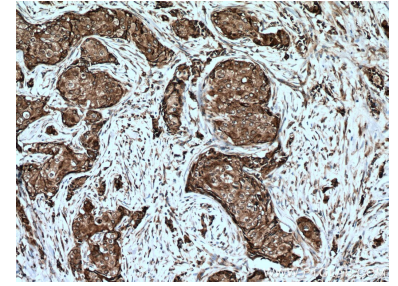
## Ausgewählte Validierungsdaten



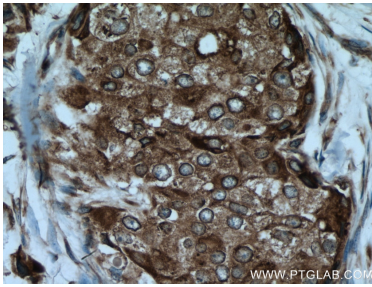
MCF-7 cells were subjected to SDS PAGE followed by western blot with 13860-1-AP (AEG-1/MTDH-Specific antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



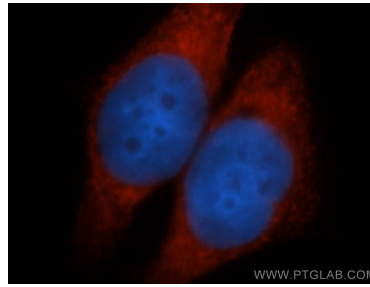
WB result of AEG-1/MTDH-Specific antibody (13860-1-AP; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-AEG-1/MTDH-Specific transfected HeLa cells.



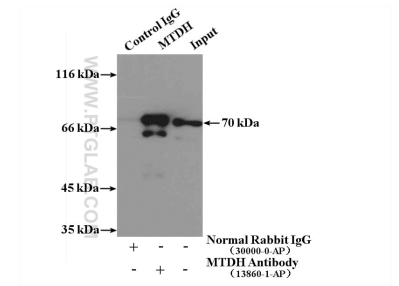
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 13860-1-AP (AEG-1/MTDH-Specific antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 13860-1-AP (AEG-1/MTDH-Specific antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of MCF-7 cells, using MTDH antibody 13860-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



IP Result of anti-AEG-1/MTDH-Specific (IP:13860-1-AP, 3ug; Detection:13860-1-AP 1:1000) with MCF-7 cells lysate 3250ug.