

ERAP2 Polyklonaler Antikörper

Katalog-Nr.: 14637-1-AP

Allgemeine Informationen

Katalog-Nr.:
14637-1-AP

Größe:
150ul, Konzentration: 173 µg/ml
durch die Bradford-Methode mit BSA
als Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG6216

GenBank-Zugangsnummer:
BC065240

GeneID (NCBI):
64167

Vollständiger Name:
endoplasmic reticulum
aminopeptidase 2

Berechnete Masse:
110 kDa

Beobachtete Masse:
61-65 kDa

Reinigungsmethode:
Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:
WB 1:500-1:1000
IHC 1:50-1:500
IF 1:20-1:200

Anwendungen

Geprüfte Anwendungen:
IF, IHC, WB, ELISA

Getestete Reaktivität:
Human, Maus

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

Positivkontrollen:

WB : K-562-Zellen, A549-Zellen, Maus-Thymusgewebe

IHC : humanes Lungenkarzinomgewebe, humanes Lebergewebe

IF : HepG2-Zellen,

Hintergrundinformationen

ERAP2(Endoplasmic reticulum aminopeptidase 2) is also named as LRAP(Leukocyte-derived arginine aminopeptidase) and belongs to the peptidase M1 family. It plays a central role in peptide trimming, a step required for the generation of most HLA class I-binding peptides. It can form heterodimers with ERAP1(PMID:15908954). It has 4 isoforms produced by alternative splicing. And defects in the expression of this gene may cause improper antigen processing, possibly leading to favor tumor escape from the immune surveillance.

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**

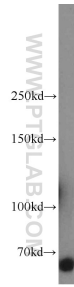
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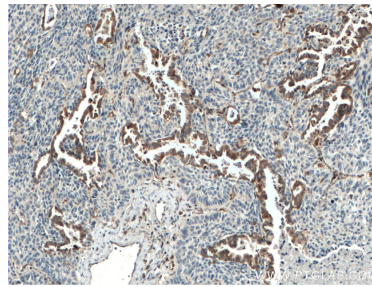
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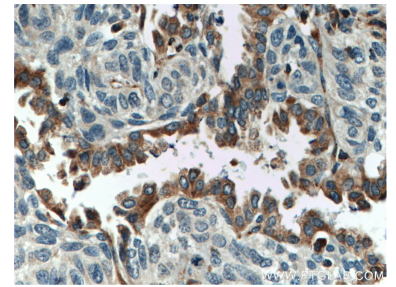
Ausgewählte Validierungsdaten



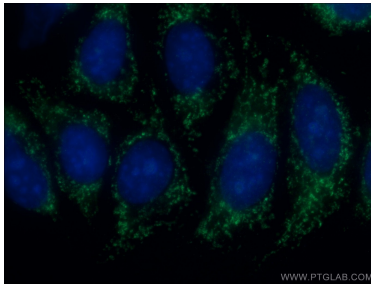
K-562 cells were subjected to SDS PAGE followed by western blot with 14637-1-AP (ERAP2 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 14637-1-AP (ERAP2 antibody) at dilution of 1:50 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 14637-1-AP (ERAP2 antibody) at dilution of 1:50 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 14637-1-AP (ERAP2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).