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Datasheet for ABIN1698326

anti-ENOSF1 antibody (AA 351-443) (Alexa Fluor 647)

Overview

Quantity:	100 µL
Target:	ENOSF1
Binding Specificity:	AA 351-443
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ENOSF1 antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ENOSF1
Isotype:	IgG
Predicted Reactivity:	Human,Dog,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	ENOSF1
Alternative Name:	ENOSF1 (ENOSF1 Products)
Background:	Synonyms: Enolase superfamily member 1, ENOSF 1, HSRTSBETA, RTS alpha, RTS, RTS beta,

Target Details

RTS beta protein, TYMSAS,

Background: The rTS gene codes for a naturally occurring antisense RNA to thymidylate synthase (TS) mRNA and two proteins (rTSalpha and rTSbeta (also known as ENOSF1)). The role of the major protein product of rTS, ENOSF1 has been linked to alterations in TS protein expression, but the precise function of ENOSF1 is unknown. Expression of rTS is associated with growth arrest in cell culture, but its overexpression has been noted in cells resistant to anticancer drugs such as 5-fluorouracil and methotrexate. Studies have shown that increased expression of ENOSF1 is associated with the decrease in TS protein expression due to production of novel, diffusible signal molecules.

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months