

Datasheet for ABIN5002079

anti-ERAS antibody (AA 20-120) (AbBy Fluor® 750)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	ERAS
Binding Specificity:	AA 20-120
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ERAS antibody is conjugated to AbBy Fluor® 750
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ERAS/HRAS2
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Horse
Purification:	Purified by Protein A.

Target Details

Target:	ERAS
Alternative Name:	ERAS/HRAS2 (ERAS Products)
Background:	Synonyms: E ras, E-Ras, ecat5, Embryonic stem cell expressed Ras, Embryonic stem cell-

Target Details

expressed Ras, Eras, ES cell expressed Ras, GTPase ERas, Ha-Ras2, HRAS2, HRASP, MGC126691, MGC126693, OTTHUMP00000065857, RASE_HUMAN, Small GTPase protein E Ras, v Ha ras Harvey rat sarcoma viral oncogene homolog pseudogene, v Ha ras Harvey rat sarcoma viral oncogene homolog 2.

Background: ERAS belongs to the small GTPase superfamily. Ras family. Ras proteins bind GDP/GTP and possess intrinsic GTPase activity. The ERas gene is expressed in embryonic stem (ES) cells and promotes their in vitro proliferation and tumorigenicity. ERas-null ES cells maintain pluripotency but show significantly reduced growth and tumorigenicity, which are rescued by expression of ERas complementary DNA or by activated phosphatidylinositol-3-OH kinase.

Gene ID: 3266

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