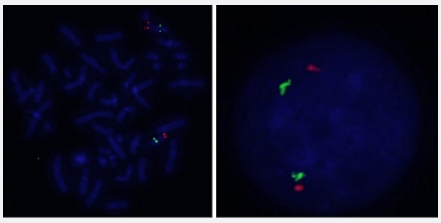
Sm Size

TRAF3/CEN14q FISH Probe

Catalog # FG0218 Size 200 uL, 100 uL

Applications



Hybridization position of the probes on the chromosome.

Hybridization position of the probes on the chromosome.

Specification

Product Description	Labeled FISH probes for identification of gene amplification using Fluorescent In Situ Hybridization T echnique. (Technology).
Probe 1	**Name:** TRAF3 **Size:** Approximately 270kb **Fluorophore:** TexRed **Location:** 14q32.32
Probe 2	**Name:** CEN14q **Size:** Approximately 400kb **Fluorophore:** FITC **Location:** 14q11.2
Origin	Human

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Source	Genomic DNA
Reactivity	Human
Form	Liquid
Notice	We **strongly recommend** the customer to use FFPE FISH PreTreatment Kit 1 (Catalog #: KA2375 or KA2691) for the pretreatment of Formalin-Fixed Paraffin-Embedded (FFPE) tissue sections.
Regulation Status	For research use only (RUO)
Quality Control Testing	Representative images of normal human cell (lymphocyte) stain with the dual color FISH probe. The l eft image is chromosomes at metaphase, and the right image is an interphase nucleus.
Supplied Products	DAPI Counterstain (1500 ng/mL) 125 uL for each 100 uL FISH Probe
Storage Instruction	Store at 4°C in the dark.
Note	Hybridization position of the probes on the chromosome. Hybridization position of the probes on the chromosome.
Self-Attestation	Abnova self-attests to comply with the U.S. Framework for Nucleic Acid Synthesis Screening

Applications

- Fluorescent In Situ Hybridization (Cell)

  Protocol Download

Gene Info — TRAF3

Entrez GeneID	7187
Gene Name	TRAF3
Gene Alias	CAP-1, CD40bp, CRAF1, LAP1
Gene Description	TNF receptor-associated factor 3
Omim ID	601896
Gene Ontology	Hyperlink

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Gene Summary	The protein encoded by this gene is a member of the TNF receptor associated factor (TRAF) protein family. TRAF proteins associate with, and mediate the signal transduction from, members of the TNF receptor (TNFR) superfamily. This protein participates in the signal transduction of CD40, a TNFR family member important for the activation of the immune response. This protein is found to be a critical component of the lymphotoxin-beta receptor (LTbetaR) signaling complex, which induces NF-kappaB activation and cell death initiated by LTbeta ligation. Epstein-Barr virus encoded latent infection membrane protein-1 (LMP1) can interact with this and several other members of the TRAF family, which may be essential for the oncogenic effects of LMP1. Three alternatively spliced transcript variants encoding two distinct isoforms have been reported. [provided by RefSeq
Other Designations	CD40 associated protein 1|CD40 binding protein|CD40 receptor associated factor 1|LMP1 associated protein

Pathway

- Pathways in cancer
- Small cell lung cancer
- Toll-like receptor signaling pathway

Disease

- Alzheimer disease
- Cardiovascular Diseases
- Diabetes Complications
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- HIV Infections
- Metabolic Syndrome X
- Neoplasms
- Osteoporosis

Copyright © 2023 Abnova Corporation. All Rights Reserved.