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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

RARA Split FISH Probe

Catalog Number: FS0005

Regulatory Status: For research use only (RUO)

Product Description: Labeled FISH probes for identification of gene split using Fluorescent In Situ Hybridization Technique. ([Technology](#))

Applications: FISH-Ce, FISH-P
(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Supplied Product: DAPI Counterstain (1500 ng/mL)
125 uL for each 100 uL FISH Probe

Storage Instruction: Store at 4°C in the dark.

Entrez GeneID: 5914

Gene Symbol: RARA

Gene Alias: NR1B1, RAR

Gene Summary: Retinoid signaling is transduced by 2 families of nuclear receptors, retinoic acid receptor (RAR) and retinoid X receptor (RXR; see MIM 180245), which form RXR/RAR heterodimers. In the absence of ligand, DNA-bound RXR/RARA represses transcription by recruiting the corepressors NCOR1 (MIM 600849), SMRT (NCOR2; MIM 600848), and histone deacetylase (see MIM 601241). When ligand binds to the complex, it induces a conformational change allowing the recruitment of coactivators, histone acetyltransferases (see MIM 603053), and the basic transcription machinery. Translocations that always involve rearrangement of the RARA gene are a cardinal feature of acute promyelocytic leukemia (APL; MIM 612376). The most frequent translocation is t(15,17)(q21;q22), which fuses the RARA gene with the PML gene (MIM 102578) (Vitoux et al., 2007 [PubMed 17468032]).[supplied by OMIM]