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# ZBTB16-RARA Fusion Protein Expression

National Cancer Institute

## Source

National Cancer Institute. *ZBTB16-RARA Fusion Protein Expression*. NCI Thesaurus. Code C37220.

A fusion protein encoded by a t(15;17) translocation, which involves the human genes ZBTB16 and RARA and is characteristic of acute promyelocytic leukemia. It is a transcriptional repressor with both gain-of-function and dominant-negative properties, resulting in transcriptional repression of retinoic acid and non-retinoic acid target genes and culminating in differentiation arrest.