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# ACTB wt Allele

National Cancer Institute

## Source

National Cancer Institute. *ACTB wt Allele*. NCI Thesaurus. Code C103966.

Human ACTB wild-type allele is located in the vicinity of 7p22 and is approximately 37 kb in length. This allele, which encodes actin, cytoplasmic 1 protein, plays a role in the modulation of both cell motility and cell shape. Mutation of the gene is associated with dystonia juvenile-onset and Baraitser-Winter syndrome type 1.