

Astroblastoma MN1-altered

Meningioma 1 (MN1) gene is a transcriptional co-regulator located on chromosome 22q

Alterations in MN1 frequently occur in astroblastoma, a type of gliomas. Astroblastoma is a neoplasm that primarily affects children, teenagers, and young adults, and it mainly involves the cerebral hemispheres. The term “astroblastoma” is thought to be misleading because these tumors are neither astrocytic nor blastic

Therefore, WHO CNS has identified astroblastoma as “MN1-altered” to improve diagnostic clarity for this type. Even so, more research is needed to establish distinct histopathological and molecular characteristics that can identify MN1-mutated astroblastomas from morphologically identical neuroepithelial tumors with similar genetic change

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