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大别造山带白马尖花岗岩体的钕, 铈同位素地球化学研究 [点此下载全文](#)

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摘要:

大别造山带白马尖花岗岩体属燕山期侵入岩, 为中生代大别山区岩浆活动的产物, 为碰撞后花岗岩, 铈, 钕, 同位素数据及稀土元素数据表明, 白马尖花岗岩体为壳幔混合型, 1. 2-1. 7Ga的钕模式年龄为其源岩的平均地壳存留年龄, 北大别花岗岩类岩石的物质来源并不一致。

关键词: [大别造山带](#) [花岗岩](#) [钕同位素](#) [稀土元素](#) [铈同位素](#) [地球化学](#)

Nd-Sr Isotope Geochemistry of the Baimajian Granite in the Dabie Orogen [Download Fulltext](#)

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Abstract:

The Baimajian granite in the Dabie orogen is a Yanshanian intrusion resulting from Mesozoic magmatism. It is post-collisional granite. Nd and Sr isotope and REE data show that the intrusion is of crust-mantle mixing type. Their Nd model age is 1. 2-1. 7 Ma, which is the average crustal retention age of their protoliths. The material sources of the granitoid rocks at Baimajian in the northern Dabie are different.

Keywords: [Dabie orogen](#) [Baimajian](#) [Nd isotope](#)

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