

RABEP2 (Rabaptin, RAB GTPase Binding Effector Protein 2) is a Protein Coding gene. Diseases associated with RABEP2 include Brody Myopathy. Gene Ontology (GO) annotations related to this gene include GTPase activator activity and growth factor activity. An important paralog of this gene is RABEP1.

Findings in animal studies, which are currently being tested for confirmation in humans, have found that naturally occurring variants of a novel “collateral gene”, [Rabep2](#), result in large differences in the extent of anatomic collaterals and thus blood flow and infarct size in [mice](#) after [stroke](#). The comprehension of [collagerogenesis](#) in humans and the evaluation of collateral status could aid in identifying patients who will benefit not only from [mechanical thrombectomy](#) in the extended time window, but also from any [reperfusion](#) strategy.

Piedade et al. performed a literature review focused on radiographic, clinical and genetic aspects of the collateral circulation <sup>1)</sup>.

<sup>1)</sup>

Piedade GS, Schirmer CM, Goren O, Zhang H, Aghajanian A, Faber JE, Griessenauer CJ. Cerebral collateral circulation: A review in the context of ischemic stroke and mechanical thrombectomy. World Neurosurg. 2018 Oct 17. pii: S1878-8750(18)32363-5. doi: 10.1016/j.wneu.2018.10.066. [Epub ahead of print] Review. PubMed PMID: 30342266.

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