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CITED2 and the modulation of the hypoxic response in cancer

Mónica T Fernandes, Sofia M Calado, Leonardo Mendes-Silva, José Bragança

Abstract

CITED2 (CBP/p300-interacting transactivator with Glu/Asp-rich C-terminal domain, 2) is a ubiquitously expressed protein exhibiting a high affinity for the CH1 domain of the transcriptional co-activators CBP/p300, for which it competes with hypoxia-inducible factors (HIFs). CITED2 is particularly efficient in the inhibition of HIF-1 α -dependent transcription in different contexts, ranging from organ development and metabolic homeostasis to tissue regeneration and immunity, being also potentially involved in various other

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[HIF-1 at the crossroads of hypoxia, inflammation, and cancer](#)

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Mar 17, 2015 · **Reactive oxygen species (ROS)** are elevated in many **cancer** types and have emerged

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