

Trk-B-Mediated Neurogenesis: No, it is not BDNF; but NT4/5 is the Talk of the Town!

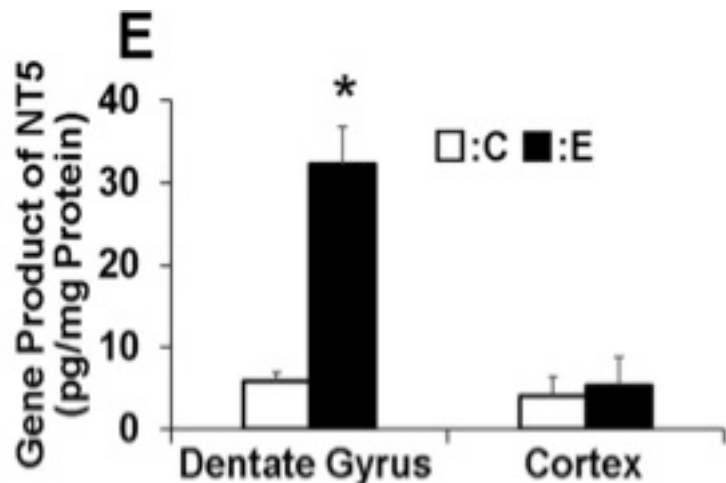
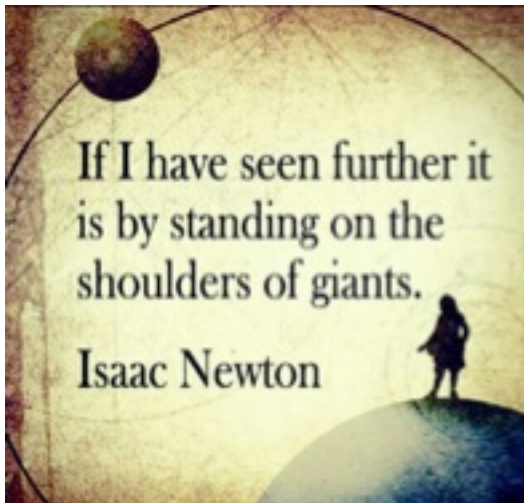
TO SEE FURTHER IN YOUR RESEARCH

You can:

1. Go find a giant

OR

2. Use a Biosensis *Rapid*[™] ELISA Kit!



Ishimoto T *et al.* (2018) "Ergothioneine-induced neuronal differentiation is mediated through activation of S6K1 and neurotrophin 4/5-TrkB signaling in murine neural stem cells." [Cell Signal.](#) 2019, 53:269-280.

TrkB is the neurotrophin receptor for BDNF and NT4/5. A recent study by [Ishimoto T *et al.* \(2019\)](#) identified NT4/5 as the main neurotrophin in Ergothioneine-induced neuronal differentiation using our [Mature BDNF](#) and [NT4/5 Rapid](#)[™] ELISA Kits.

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