

Aquaporin 3-tGFP reporter is a genetic tool that allows the visualization of the expression pattern of [Aquaporin 3 \(AQP3\)](#) in cells or tissues. AQP3 is a membrane protein that facilitates water and glycerol transport across cell membranes, and its expression is tissue-specific. The AQP3-tGFP reporter is a fusion protein that combines the AQP3 promoter with a green fluorescent protein (GFP) gene, allowing the observation of GFP fluorescence in cells where AQP3 is being expressed. This tool can be used to study the regulation of AQP3 expression and the function of AQP3 in different cell types and physiological conditions.

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