

N-Acetylgalactosaminyltransferase 4

Cat. No.:	HY-E70291	
Target:	MAP3K; p38 MAPK; JNK; NF-κB	
Pathway:	MAPK/ERK Pathway; NF-κB	
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	N-Acetylgalactosaminyltransferase 4

BIOLOGICAL ACTIVITY

Description

N-Acetylgalactosaminyltransferase 4 (GALNT4) is a glycosyltransferase capable of inhibiting the activation of ASK1. By directly binding to ASK1, N-Acetylgalactosaminyltransferase 4 suppresses its N-terminal dimerization and subsequent phosphorylation, leading to robust inactivation of downstream JNK/p38 and NF-κB signals, and thereby improving the prognosis of liver surgery^[1].

REFERENCES

[1]. Zhou J, et al. N-acetylgalactosaminyltransferase-4 protects against hepatic ischemia/reperfusion injury by blocking apoptosis signal-regulating kinase 1 N-terminal dimerization. *Hepatology*. 2022;75(6):1446-1460.

Caution: Product has not been fully validated for medical applications. For research use only.

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