

Catalog No. LF-PA0047

POLYCLONAL ANTIBODY



Anti-JNK1 (Anti-c-Jun N-terminal kinase1)

Background : The c-Jun N-terminal protein kinases (JNKs) are a family of serine/threonine protein kinases of the mitogen-activated protein kinase (MAPK) group. JNKs, which are essential regulators of physiological and pathological processes, are involved in several diseases including diabetes, atherosclerosis, stroke, and Parkinson's and Alzheimer's diseases. The JNK family consists of three isoforms; JNK1 and JNK2, which are ubiquitous, and JNK3, which is present primarily in the heart, brain and testis. Differential splicing and exon use yield 10 isoforms of JNK. JNK1 is an important mediator of insulin resistance associated with obesity, but it is also indispensable for the intact cytoarchitecture of the brain.

Immunogen : Synthetic peptide

Host : Rabbit

Type : Purified

Isotype : IgG

Size : 100µl

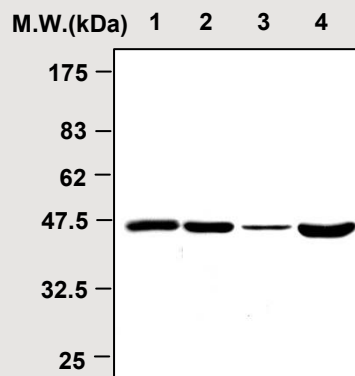
Compositon : PBS containing 50% glycerol

Positive control : HeLa cell lysate

Storage : Store for 1 year at -20°C from date of shipment

Species cross reactivity

Human	Mouse	Rat
+	+	+



Immunoblot Analysis of cell lysates

Lane 1 : HeLa cell lysate
Lane 2 : A431 cell lysate
Lane 3 : NIH3T3 cell lysate
Lane 4 : C6 cell lysate

Applications :

Western blotting (1:1,000~2,000)
Immunoprecipitation was not tested

Background Reference :

- 1) Waetzig V. et al, (2005) Trends Pharmacol Sci. vol.26(9): pp.455-61.
- 2) Gelderblom M. et al, (2004) Int J Dev Neurosci. vol.22(7): pp.559-64.
- 3) Bogoyevitch MA. et al. (2004) Biochim Biophys Acta. vol.1697(1-2): pp.89-101.

FOR RESEARCH PURPOSE ONLY
NOT FOR DIAGNOSTIC OR THERAPEUTIC USE