

SIZE:	100 µg
HOST:	Rabbit
IMMUNOGEN:	Synthetic peptide corresponding to residues surrounding amino acids 536 of mouse Nectin-3
SPECIES REACTIVITY:	Mouse, Rat

FORMULATION:

0.5 mg/ml affinity purified rabbit anti-Nectin-3 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 5 mM EDTA and 0.03% proclin.

STORAGE CONDITIONS:

Store at -20° C. For long-term storage, aliquot and freeze at -70° C. Avoid repeated freeze/defrost cycles.

DESCRIPTION:

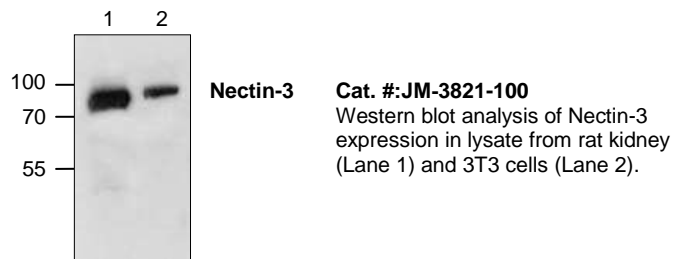
Nectin is a cell-adhesion molecule that belongs to the immunoglobulin superfamily and is also known as the poliovirus receptor-related protein or PPR. Nectin family consists of Nectin 1 which expressed abundantly in the brain and Nectin 2 and 3 which are ubiquitously expressed in cells where cadherin are not expressed. Nectin-3 or PPR3 is a transmembrane protein that has three splicing variants: Nectin3 α , Nectin 3 β and Nectin 3 γ . Nectin-3 is mainly expressed in the testis and placental tissues and interacts in vivo with both long and short isoforms of afadin.

SPECIFICITY:

The antibody recognizes ~ 83 kDa Nectin-3 of mouse and rat origins. Reactivity to other species has not been tested.

APPLICATION AND USAGE:

The antibody can be used for Western blotting (0.5-4 µg/ml). However, the optimal conditions should be determined individually. Blocking peptide (Code # JM-3821BP-50) is available separately.



Not to be used on humans.