



C9orf142 Rabbit pAb

Catalog No	YP-Ab-19158
Isotype	IgG
Reactivity	Human,Mouse
Applications	WB
Gene Name	C9orf142
Immunogen	Synthesized peptide derived from human C9orf142
Specificity	This antibody detects endogenous levels of C9orf142 at Human, Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	C9orf142;Chromosome 9 open reading frame 142;CI142_HUMAN;PAXX; Uncharacterized protein C9orf142;XLS
Observed Band	
Calculated Molecular Weight	21kDa; 22kD(Calculated).
Cell Pathway	Nucleus . Chromosome . Predominantly localizes to the nucleus. Accumulates at sites of DNA damage generated by laser microirradiation. .; Cytoplasm . (Microbial infection) Upon infection by herpesvirus 1 (HSV-1), it is partially translocated into the cytoplasm in an HSV-1-dependent manner. .
Tissue Specificity	
Function	Non-essential DNA repair protein involved in DNA non-homologous end joining (NHEJ); participates in double-strand break (DSB) repair and V(D)J recombination . May act as a scaffold required for accumulation of the Ku heterodimer, composed of XRCC5/Ku80 and XRCC6/Ku70, at double-strand break sites and promote the assembly and/or stability of the NHEJ machinery . Involved in NHEJ by promoting the ligation of blunt-ended DNA ends . Together with NHEJ1/XLF, collaborates with DNA polymerase lambda (POL) to promote joining of non-cohesive DNA ends . Constitutes a non-essential component of classical NHEJ: has a complementary but distinct function with NHEJ1/XLF in



DNA repair . Able to restrict infection by herpesvirus 1 (HSV-1) via an unknown mechanism .

Background

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images