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[Primary Antibody]

Rabbit Anti-C9orf140 antibody

Catalog Number: SL15314R

FOR RESEARCH USE ONLY

[DATASHEET]

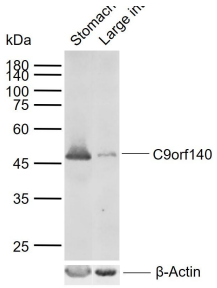
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	C9orf140
Immunogen:	KLH conjugated synthetic peptide derived from human C9orf140: 301-394/394
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Rat(predicted:Human,Mouse,Chicken,Cow,Horse,Rabbit)
Predicted MW.:	43kDa
Subcellular Location:	The nucleus cytoplasmic The cell membrane
Background:	C9orf140 (chromosome 9 open reading frame 140), also known as TS/MDEP (tumor specificity and mitosis phase-dependent expression protein) or p42.3, is a 394 amino acid nuclear and cytoplasmic protein encoded by a gene that maps to human chromosome 9q34.3. Chromosome 9 consists of about 145 million bases, represents 4% of the human genome and encodes nearly 900 genes. Thought to play a role in gender determination, deletion of the distal portion of 9p can lead to development of male to female sex reversal, the phenotype of a female with a male X,Y genotype. Hereditary hemorrhagic telangiectasia, which is characterized by harmful vascular defects, is associated with the chromosome 9 gene encoding endoglin protein, ENG. Familial dysautonomia is also associated with chromosome 9 though through the gene IKBKAP. Notably, chromosome 9 encompasses the largest interferon family gene cluster. Chromosome 9 is partnered with chromosome 22 in the translocation leading

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

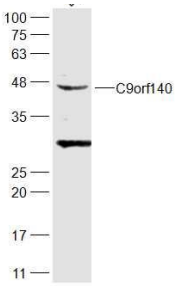
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	to the aberrant production of BCR-ABL fusion protein often found in leukemias. **Subcellular Location:** Cytoplasm. Nucleus. **Tissue Specificity:** Expressed in 5-month-old fetal tissues, including stomach, intestine, colon, liver, brain, lung, heart, spleen and kidney. Undetectable in non-cancerous adult tissues. Expressed in many primary gastric carcinoma, but almost not in adjacent normal mucosa. Expressed preferentially in M and G1 phases, compared to S and G2 phases. **Database links:** **Entrez Gene:** 89958 Human Omim: 612057 Human **SwissProt:** Q86UD0 Human **Unigene:** 19322 Human

[VALIDATION IMAGES]



Sample:
Lane 1: Rat Stomach tissue lysates
Lane 2: Rat Large intestine tissue lysates
Primary: Anti-C9orf140 (SL15314R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 43 kDa
Observed band size: 47 kDa



Sample:
Lymph node (Rat) Lysate at 40 ug
Primary: Anti-C9orf140 (SL15314R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 43 kD
Observed band size: 43 kD

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