



# PEX16 rabbit pAb

Cat No.:ES9980

For research use only

## Overview

|                                 |   |
|---------------------------------|---|
| <b>Product Name</b>             | PEX16 rabbit pAb  |
| <b>Host species</b>             | Rabbit  |
| <b>Applications</b>             | WB;ELISA  |
| <b>Species Cross-Reactivity</b> | Human;Mouse   |
| <b>Recommended dilutions</b>    | WB 1:500-2000 ELISA 1:5000-20000  |
| <b>Immunogen</b>                | Synthesized peptide derived from human protein .<br>at AA range: 100-180  |
| <b>Specificity</b>              | PEX16 Polyclonal Antibody detects endogenous<br>levels of protein.  |
| <b>Formulation</b>              | Liquid in PBS containing 50% glycerol, 0.5% BSA and<br>0.02% sodium azide.  |
| <b>Storage</b>                  | Store at -20°C. Avoid repeated freeze-thaw cycles.  |
| <b>Protein Name</b>             | Peroxisomal membrane protein PEX16 (Peroxin-16)<br>(Peroxisomal biogenesis factor 16)   |
| <b>Gene Name</b>                | PEX16   |
| <b>Cellular localization</b>    | Peroxisome membrane ; Multi-pass membrane<br>protein .  |
| <b>Purification</b>             | The antibody was affinity-purified from rabbit<br>antiserum by affinity-chromatography using<br>epitope-specific immunogen.   |
| <b>Clonality</b>                | Polyclonal  |
| <b>Concentration</b>            | 1 mg/ml   |
| <b>Observed band</b>            | 36kD  |
| <b>Human Gene ID</b>            | 9409  |
| <b>Human Swiss-Prot Number</b>  | Q9Y5Y5  |
| <b>Alternative Names</b>        |   |
| <b>Background</b>               | peroxisomal biogenesis factor 16(PEX16) Homo<br>sapiens The protein encoded by this gene is an<br>integral peroxisomal membrane protein. An<br>inactivating nonsense mutation localized to this<br>gene was observed in a patient with Zellweger<br>syndrome of the complementation group CGD/CG9.<br>Expression of this gene product morphologically and |

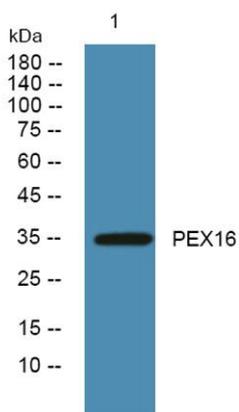




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biochemically restores the formation of new peroxisomes, suggesting a role in peroxisome organization and biogenesis. Alternative splicing has been observed for this gene and two variants have been described. [provided by RefSeq, Jul 2008],

Western blot analysis of lysates from PC12 cells, primary antibody was diluted at 1:1000, 4°over night



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