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Datasheet for ABIN7112649 **anti-CHMP6 antibody**

Overview

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| Quantity: | 100 µg |
| Target: | CHMP6 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This CHMP6 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA |

Product Details

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| Immunogen: | chromatin modifying protein 6 |
| Isotype: | IgG |
| Purification: | Immunogen affinity purified |
| Purity: | ≥95 % as determined by SDS-PAGE |

Target Details

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| Target: | CHMP6 |
| Alternative Name: | CHMP6 (CHMP6 Products) |
| Background: | Synonyms:VPS20 Background:Probable core component of the endosomal sorting required for transport complex III(ESCRT-III) which is involved in multivesicular bodies(MVBs) formation and sorting of endosomal cargo proteins into MVBs. MVBs contain intraluminal vesicles(ILVs) that are generated by invagination and scission from the limiting membrane of the endosome |

Target Details

and mostly are delivered to lysosomes enabling degradation of membrane proteins, such as stimulated growth factor receptors, lysosomal enzymes and lipids. The MVB pathway appears to require the sequential function of ESCRT-O,-I,-II and-III complexes. ESCRT-III proteins mostly dissociate from the invaginating membrane before the ILV is released. The ESCRT machinery also functions in topologically equivalent membrane fission events, such as the terminal stages of cytokinesis and the budding of enveloped viruses(HIV-1 and other lentiviruses). ESCRT-III proteins are believed to mediate the necessary vesicle extrusion and/or membrane fission activities, possibly in conjunction with the AAA ATPase VPS4. In the ESCRT-III complex, it probably serves as an acceptor for the ESCRT-II complex on endosomal membranes.

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| Molecular Weight: | 28-30 kDa |
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| Gene ID: | 79643 |
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| UniProt: | Q96FZ7 |
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Application Details

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| Application Notes: | WB: 1:500-1:2000 |
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| Restrictions: | For Research Use only |
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Handling

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| Format: | Liquid |
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| Buffer: | PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3, |
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| Preservative: | Sodium azide |
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| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
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| Storage: | -20 °C |
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| Storage Comment: | -20°C for 12 months (Avoid repeated freeze / thaw cycles.) |
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| Expiry Date: | 12 months |
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