

Rabbit Anti-NKD2/AF350 Conjugated antibody

SL19262R-AF350

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| Product Name | Anti-NKD2/AF350 |
| Chinese Name | AF350 标记的 NKD2 蛋白抗体 |
| Alias | hNkd2; Naked 2; Naked-2; nkd2; NKD2_HUMAN; Protein naked cuticle homolog 2. |
| Research Area | Cell biology Signal transduction Stem cells Growth factors and hormones |
| Immunogen Species | Rabbit |
| Clonality | Polyclonal |
| React Species | (predicted:Human,Mouse,Rat) ICC/IF=1:50-200,IF=1:100-500 |
| Applications | not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user. |
| Molecular weight | 50kDa |
| Form | Lyophilized or Liquid |
| Concentration immunogen | 1mg/ml KLH conjugated synthetic peptide derived from human NKD2 |
| Lsotype | IgG |
| Purification | affinity purified by Protein A |
| Storage Buffer | 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol |
| Storage | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |
| Product Detail | background: This gene encodes a member of a family of proteins that function as negative regulators of Wnt receptor signaling through interaction with Dishevelled family members. The encoded protein participates in the delivery of transforming growth factor alpha-containing vesicles to the cell membrane. Alternatively spliced transcript variants encoding multiple isoforms have been |

observed for this gene. [provided by RefSeq, Aug 2012]

Function:

Cell autonomous antagonist of the canonical Wnt signaling pathway. May activate a second Wnt signaling pathway that controls planar cell polarity (By similarity). Required for processing of TGFA and for targeting of TGFA to the basolateral membrane of polarized epithelial cells.

Subcellular Location:

Cell membrane. Cytoplasm. Cytoplasmic vesicle.

Tissue Specificity:

Expressed in kidney, lung, pancreas and spleen.

Post-translational modifications:

Ubiquitinated, leading to rapid proteasomal degradation. Interaction with TGFA interferes with RNF25 binding and protects against ubiquitination mediated by RNF25.

Similarity:

Belongs to the NKD family.
Contains 1 EF-hand domain.

Database links:

[Entrez Gene: 85409](#) Human

[Omim: 607852](#) Human

[SwissProt: Q969F2](#) Human

[Unigene: 240951](#) Human

Important Note:

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