# Lipocalin-1 rabbit pAb

# Cat#: orb766824 (Manual)

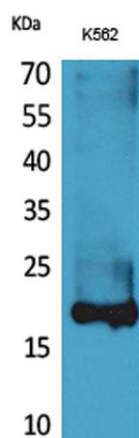For research use only. Not intended for diagnostic use.

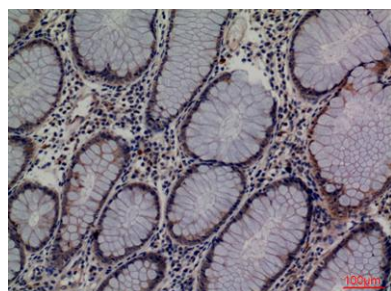| | |
|---|---|
| **Product Name** | Lipocalin-1 rabbit pAb |
| **Host species** | Rabbit |
| **Applications** | WB;IHC;IF;ELISA |
| **Species Cross-Reactivity** | Human;Rat;Mouse; |
| **Recommended dilutions** | Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. Not yet tested in other applications. |
| **Immunogen** | The antiserum was produced against synthesized peptide derived from the Internal region of human LCN1. AA range:11-60 |
| **Specificity** | Lipocalin-1 Polyclonal Antibody detects endogenous levels of Lipocalin-1 protein. |
| **Formulation** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.. |
| **Storage** | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| **Protein Name** | Lipocalin-1 |
| **Gene Name** | LCN1 |
| **Cellular localization** | Secreted. |
| **Purification** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using       epitope-specific immunogen. |
| **Clonality** | Polyclonal |

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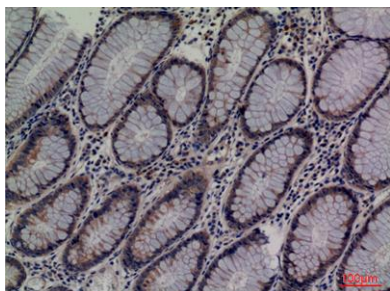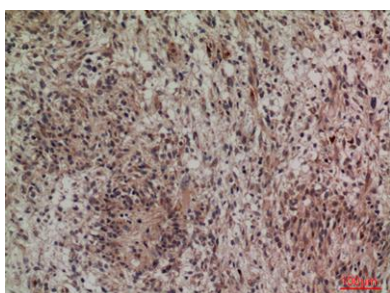| | |
|---|---|
| **Concentration** | 1 mg/ml |
| **Observed band** | 21kD |
| **Human Gene ID** | 3933 |
| **Human Swiss-Prot Number** | P31025 |
| **Alternative Names** | LCN1; VEGP; Lipocalin-1; Tear lipocalin; Tlc; Tear prealbumin; TP; Von Ebner gland protein; VEG protein |
| **Background** | This gene encodes a member of the lipocalin family of small secretory proteins. Lipocalins are extracellular transport proteins that bind to a variety of hydrophobic ligands. The encoded protein is the primary lipid binding protein in tears and is overproduced in response to multiple stimuli including infection and stress. The encoded protein may be a marker for chromosome aneuploidy as well as an autoantigen in Sjogren's syndrome. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and two pseudogenes of this gene are also located on the long arm of chromosome 9. [provided by RefSeq, Nov 2011], |



**Western Blot analysis of K562 cells using Lipocalin-1 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000**



**Immunohistochemical analysis of paraffin-embedded human-colon-cancer, antibody was diluted at 1:100**

Immunohistochemical analysis of paraffin-embedded human-colon-cancer, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:100