

Datasheet for ABIN5608783

anti-SDF4 antibody (AA 161-175) (Biotin)[Go to Product page](#)**1** Image

Overview

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|----------------------|--|
| Quantity: | 100 µg |
| Target: | SDF4 |
| Binding Specificity: | AA 161-175 |
| Reactivity: | Human |
| Host: | Goat |
| Clonality: | Polyclonal |
| Conjugate: | This SDF4 antibody is conjugated to Biotin |
| Application: | Western Blotting (WB), ELISA |

Product Details

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|-------------------|---|
| Purpose: | SDF4 (aa161-175), Biotinylated |
| Sequence: | EYKVKFLASK GHSEK. |
| Isotype: | IgG |
| Specificity: | This antibody is expected to recognize both reported isoforms (NP_057631.1, NP_057260.2). |
| Cross-Reactivity: | Cow, Dog, Human, Mouse, Rat |
| Purification: | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Grade: | Verified |

Target Details

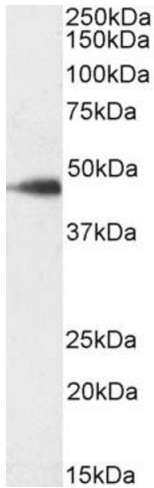
| | |
|-------------------|--|
| Target: | SDF4 |
| Alternative Name: | SDF4 (SDF4 Products) |
| Background: | SDF4, stromal cell derived factor 4, Cab45, 45 kDa calcium-binding protein, OTTHUMP00000001754, SDF-4, calcium binding protein, stromal cell-derived factor 4 |
| Gene ID: | 51150, 20318, 155173 |
| NCBI Accession: | NP_057631 , NP_057260 |

Application Details

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|--------------------|---|
| Application Notes: | Western Blot: Approx 45 kDa band observed in lysates of cell line Jurkat (calculated MW of 41.8 kDa according to NP_057260.2). Recommended concentration: 0.1-0.3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:64000. |
| Restrictions: | For Research Use only |

Handling

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|--------------------|--|
| Format: | Liquid |
| Concentration: | 0.5 mg/mL |
| Buffer: | Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Minimize freezing and thawing. |
| Storage: | -20 °C |
| Storage Comment: | Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable. |



Western Blotting

Image 1. Biotinylated ABIN5608783 (0.1µg/ml) staining of Jurkat lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.