

CCDC25 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58885**Specification**

CCDC25 Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q86WR0
Reactivity	Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24479

CCDC25 Polyclonal Antibody - Additional Information**Gene ID** 55246**Other Names**

Coiled-coil domain-containing protein 25, CCDC25 {ECO:0000303|PubMed:32528174, ECO:0000312|HGNC:HGNC:25591}

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

CCDC25 Polyclonal Antibody - Protein Information**Name** CCDC25 {ECO:0000303|PubMed:32528174, ECO:0000312|HGNC:HGNC:25591}**Function**

Transmembrane receptor that senses neutrophil extracellular traps (NETs) and triggers the ILK-PARVB pathway to enhance cell motility (PubMed:32528174). NETs are mainly composed of DNA fibers and are released by neutrophils to bind pathogens during inflammation (PubMed:32528174). Formation of NETs is also associated with cancer metastasis, NET-DNA acting as a chemotactic factor to attract cancer cells (PubMed:32528174). Specifically binds NETs on its extracellular region, in particular the 8-OHdG-enriched DNA present in NETs, and recruits ILK, initiating the ILK-PARVB cascade to induce cytoskeleton rearrangement and directional migration of cells (PubMed:32528174). In the context of cancer, promotes cancer metastasis by sensing NETs and promoting migration of tumor cells (PubMed:32528174).

Cellular Location

Cell membrane; Single-pass membrane protein Endomembrane system. Note=Localizes to cytoplasmic membrane in tumor cells.

CCDC25 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CCDC25 Polyclonal Antibody - Images