

[33718825](http://www.uniprot.org/citations/33718825)). In turn, the Myddosome signaling complex is formed involving IRAK4, IRAK1, TRAF6, TRAF3 leading to activation of downstream transcription factors NF- kappa-B and IRF7 to induce pro-inflammatory cytokines and interferons, respectively (PubMed: [16737960](http://www.uniprot.org/citations/16737960), PubMed: [17932028](http://www.uniprot.org/citations/17932028), PubMed: [29155428](http://www.uniprot.org/citations/29155428)).

Cellular Location

Endosome membrane; Single-pass type I membrane protein. Note=Endosomal localization confers distinctive proteolytic processing

Tissue Location

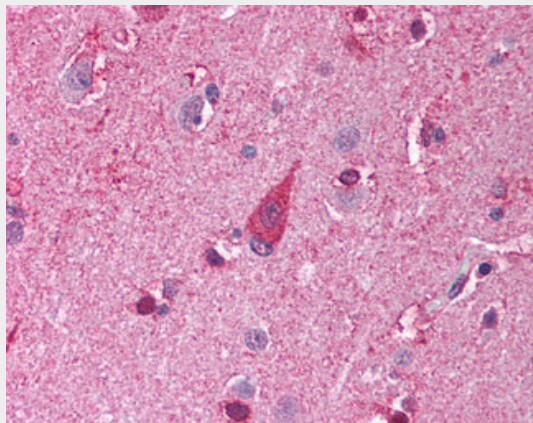
Expressed in myeloid dendritic cells, monocytes, and monocyte-derived dendritic cells.

TLR8 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](#)

TLR8 Antibody - Images



Anti-TLR8 antibody IHC of human brain, cortex.

TLR8 Antibody - Background

Key component of innate and adaptive immunity. TLRs (Toll-like receptors) control host immune response against pathogens through recognition of molecular patterns specific to microorganisms. Acts via MYD88 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response.

TLR8 Antibody - References

Du X.,et al.Eur. Cytokine Netw. 11:362-371(2000).
Chuang T.-H.,et al.Eur. Cytokine Netw. 11:372-378(2000).
Nakajima T.,et al.Immunogenetics 60:727-735(2008).
Georgel P.,et al.PLoS ONE 4:E7803-E7803(2009).
Clark H.F.,et al.Genome Res. 13:2265-2270(2003).